### DEPARTMENT OF PUBLIC HEALTH

1915-16

SAN FRANCISCO



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### REPORT

OF THE

### DEPARTMENT OF PUBLIC HEALTH

SAN FRANCISCO, CALIFORNIA

FOR THE

FISCAL YEAR JULY 1, 1915—JUNE 30, 1916

ARTHUR H. BARENDT, President.

GUY E. MANNING, M. D. A. P. O'BRIEN, M. D. GEORGE B. SOMERS, M. D. LAWRENCE ARNSTEIN. FRANK J. KLIMM. ARTHUR M. SHARP.

WM. C. HASSLER, M. D., Health Officer. GEO. M. CONVERSE, M. D., Chief Sanitary Inspector.

ED. M. COFFEY, Statistician.

San Francisco, California, August 15, 1916.

Honorable James Rolph, Jr.,

Mayor, City and County of San Francisco.

Sir:—In conformity with the provisions of Article 9, Section 16, of the Charter of the City and County of San Francisco, I have the honor to submit herewith a report of the Department of Public Health covering the fiscal year ending June 30, 1916.

In formulating its report for the two previous fiscal years, this Department adopted the recommendation of the American Public Health Association, namely that an effort be made to create a uniformity in the style of Health reports for American cities, and in this report we will follow the procedure thus inaugurated. We repeat here the plan of arrangement as set forth by the Public Health Association:

- "A", Title page.
- "B", Composition of the Board of Health.
- "C", Financial Statement.
- "D", Diseases Dangerous to Public Health.
- "E", Infant Mortality.
- "F", School Inspection.
- "G", Food inspection.
- "H". Nuisances.
- "I", Municipal Wastes.
- "J", Inspection of Plumbing.
- "K", Research, Education and Publicity Work.
- "L", Other Work Done During the Year.
- "M", Rules Passed Since Last Report.
- "N", Local Problems.
- "O", Recommendations.
- "P", Vital Statistics.

### "A"

### TITLE PAGE

The title page of this report will show the following names as constituting the membership of this board:

### Arthur H. Barendt, President

Guy E. Manning, M. D.
A. P. O'Brien, M. D.
Geo. B. Somers, M. D.
Lawrence Arnstein
Frank J. Klimm
Arthur M. Sharp

### "B" COMPOSITION OF THE BOARD OF HEALTH

No change has taken place in the composition of the personnel of the Board since the previous fiscal year (three physicians, four laymen).

Mr. Lawrence Arnstein, who had been appointed Nov. 18th, 1913. to fill the unexpired term of Mr. D. J. Murray, was re-appointed on December 23, 1915, to succeed himself, for a period of seven years.

The internal organization of the Health Department is as follows:

### EXECUTIVE HEAD-HEALTH OFFICER

This official has general executive supervision over the following bureaus and divisions: (\*See foot note.)

Bureau of Sanitation

Bureau of Laboratories

Clerical Division

Division of Accounts

Division of Dairy and Milk Inspection

Division of Food Inspection

Division of Meat and Market Inspection

Division of Plumbing Inspection

Division of Industrial Inspection

Division of Tenement House Inspection

Division of School Health Inspection

Division of Public Charities, which includes

City Physician

Social Service Workers

Inspector of Indigents

Emergency Hospitals

San Francisco Hospital (General)

Tuberculosis Hospital

Isolation Hospitals

Relief Home for Aged and Infirm.

### "(())

### FINANCIAL STATEMENT

An exhaustive compilation of the expenditures of the entire department, including Central Office, Special Sanitation. Emergency Hospitals. San Francisco Hospital, Isolation Hospital and Relief Home for Aged and Infirm appears on page 12 (Table No. 1).

. This table is worked out in minute detail and gives in unit cost the expense of conducting the Central Office with its many bureaus and divisions.

<sup>\*</sup> Note.—Under the heading of Title "C" (Financial Statement) pages 11 to 27 will be found a complete segregation of the various Bureaus and Divisions showing the number of inspectors, etc., employed in each class.)

### "D" DISEASES DANGEROUS TO THE PUBLIC HEALTH

### Sub. 1. Methods for Protection of the Community.

### Quarantinable Diseases,

Diphtheria—Quarantine period not less than ten days from date of notification to the Health Office, usual length of quarantine twenty-eight days. Two successive "Negative" swabs taken five days apart must be shown before quarantine can be raised and disinfection performed. All contacts of school age are excluded from school during period of quarantine.

Scarlet Fever—Four weeks from date of report of case to Health

Office. All contacts excluded from school.

Poliomyelitis (Infantile Paralysis)—Largely within the discretion of the Health Officer. At least thirty days from date of report of case to Health Office; longer when deemed necessary to adequately protect the public. Contacts rigidly excluded from school.

Smallpox—Police quarantine on premises, where cases are not removed to Isolation Hospital, such quarantine maintained until complete recovery is established.

### Non-quarantinable Diseases.

The following diseases, while coming under the heading of "reportable" cases, are not subject to house quarantine, but periods of exclusion from school for patients and "contacts" are fixed as follows:

Measles-Three weeks from date of report.

Parotitis (Mumps)-Two weeks from date of report.

Pertussis (Whooping Cough)—Two weeks after paroxysms have ceased.

Varicella (Chickenpox)-Two weeks from date of report.

Impetigo, Scabies and other like affections—These cases are excluded from attendance at school at the discretion of the Medical Inspector or School Nurse until recovery is established and danger of communication of infection is removed.

In all cases of quarantinable diseases disinfection with Formaldehyde gas follows at the expiration of the time limit for quarantine, or upon notification of recovery, except in the case of smallpox, where sulphur fumigation usually follows:

### Sub. 2. Comments on the Prevalence of Disease.

Mumps led in the class of minor communicable diseases with a total of 1384 cases for the fiscal year, the lowest point being in July, 1915, with 3 cases reported, the highest month being March, 1916, with 365 cases.

Chickenpox came next in order with 1016 cases, July, 1915, registering lowest with 18 cases, March, 1916, being highest with 149 to its credit.

Measles cases reported during the year were very light (total 135) especially when compared with fiscal year 1914-15 when 4199 cases were reported and in 1913-14 when 1996 cases were charged up.

Whooping cough cases totalled 619 as against 346 in 1914-15 and 1436 in 1913-14.

In the major communicable diseases, Diphtheria comes first with 1247 cases, scarlet fever closely following with 1123 cases to its credit. In 1914-15 diphtheria was charged with 1484 cases while in 1913-14 cases totalled 448. For 1914-15 scarlet fever had 288 cases and in 1913-14 was tabbed for 413 cases.

Table No. 2, page 29, furnishes a full and detailed report of all communicable diseases reported during the fiscal year.

Table No. 3, page 30, indicates cases reported and deaths from principal communicable diseases during the calendar year 1915.

Table No. 4, page 31, is a compilation showing cases reported and deaths from principal communicable diseases, by yearly periods since the year 1906.

### Sub. 3. Bacteriological Laboratory.

Table No. 5, page 32, prepared by the Director of Laboratories, shows examinations made during the year for diphtheria, tuberculosis, typhoid fever, rabies and venereal diseases.

### Sub. 4. Isolation Hospital.

Table No. 6, page 37, presents a resume of the number of cases admitted to the Isolation Hospital for treatment for various communicable diseases.

### Sub. 5. Care of Cases Outside of Hospital.

No provision whatever is made for outside treatment by this Department of any case of communicable disease. Only those who are admitted to the Isolation Hospital are given this consideration.

### Sub. 6. Control of Tuberculosis.

Up to this writing the Health Department has not made any effort in a general way at least, to assume the responsibility of handling a task admittedly of large proportions. Only cases admitted to the Tuberculosis Hospital for treatment come directly under the supervision of this department.

However, in the forthcoming budget estimate for the fiscal year 1916-17 the Board of Supervisors will be asked to set aside an appropriation of sufficient size to establish at least the nucleus of a Bureau of Tuberculosis to be under the direct control of the Board of Health.

### Sub. 7. Distribution of Antitoxin.

Table 8, page 38, will give figures showing extent of distribution of free diphtheria antitoxin during the fiscal year.

### Sub. 8. Vaccination.

Compulsory vaccination we regret to say is not in force in this city. The State compulsory vaccination law was repealed several years ago by the Legislature and we do not agree that this was an exceedingly wise act.

Our department has a regulation in force which is applied in the case of children entering school for the first time, i. e., that they cannot attend unless vaccinated, or they must present a statement signed by parent or guardian to the effect that there is a conscientious objection to such procedure.

When smallpox may be prevalent, all "contacts" must be vaccinated before being permitted to return to school or to work, as the case may be.

### VACCINES—BACTERIOLOGICAL LABORATORY

During the year there were prepared and distributed: 131 ampoules of Typhoid Vaccine, 14 ampoules autogenous vaccine and 16 ampoules Mercurialized serum.

### Sub. 9. Disinfection.

Table No. 9, page 39, gives in detail a comprehensive report of fumigations performed after communicable diseases,

(The cost of this work is set forth in Table No. 1, page 19.)

### Sub. 10. Maritime Quarantine,

This is not a municipal function. It is strictly under Federal and State regulation,

### "E" INFANT MORTALITY

Table No. 10, appearing on page 40, shows statistics covering mortality of children under one year of age, during the calendar year 1915.

### "F" SCHOOL HEALTH INSPECTION

Herewith is reproduced a statement prepared by the Chief Medical Inspector of Schools furnishing a resumé of the accomplishments for the fiscal year under this division, which is of more than passing interest:

"The fiscal year ended June, 30th, 1916, has witnessed additional progress

in the health inspection of schools.

During the year special attention was given to the hygiene of school buildings and the environment of these buildings, and whenever money was available, recommendations aiming at the betterment of unhygienic conditions were acted upon promptly and satisfactorily by the Board of Education.

In the control of diphtheria in the schools, the plan of taking routine throat and nose cultures of a class in which two or more cases of clinical diphtheria occurred, has yielded excellent results, and will be continued whenever necessity

requires such procedure.

The present post-card method of the notification of parents where physical defects are found in children is a faulty one. Arrangements have been made to have such notices sent from the Central Office in a sealed envelope, which method will be productive of more satisfactory results. I desire to call your special attention to the installation of a central office card system record of the remediable defects found in school children. This gives the department definite and accurate knowledge of results obtained in this important branch of school inspection.

During the year two dental chairs were installed by Mothers' clubs, one in the Garfield School, corner of Kearny and Greenwich streets, and another in the Visitacion School. Altho the inauguration of these clinics by private philanthropy is a praiseworthy one, the establishing of dental clinics for the poor is a municipal problem and should be financed by and be under the control

of the municipality.

Immediately following the close of the schools in June, the school nurses were put into the field to "follow up" the defect notices that had been issued to parents during the year. This is one of the most important of the varied functions of the school nurse. In the discharge of this duty, the nurse must explain to parents the nature of physical defects, and the necessity of having them corrected, in order to improve the efficiency of school progress. The school nurse thereby presents the child's side of the case, and in accomplishing results, renders an inestimable benefit to the community and social medicine. During the month of June, 1916, home visits to the number of 882 were made by the school nurses.

Negotiations are now under way with the authorities of Parochial schools aiming to include these schools within the scope of medical inspection. The consummation of such a plan would give the Health Department full knowledge and control of communicable diseases occurring in all children of school age, and would appreciably decrease the number of such diseases in the community.

### REPORT ON AN OPEN AIR SCHOOL (March, 1916.)

We visited the Open Air School, Greenwich Street above Jones, and found twenty-five children in attendance; just the number that can be comfortably accommodated with the present facilities. Altho this school has been in operation but four weeks, the improved nutrition of the children in attendance is most obvious. One child has gained eight pounds, and another three; the average gain is recorded as two and eleven sixteenths pounds. Haemoglobin

charts show gains commensurate with improved general conditions. Herewith is submitted a specimen daily menu:

9:15 a.m. Gruel 10 ozs., bread and marmalade.

12 noon. Split pea soup; spaghetti with tomatoes; apple sauce and bread. 2:30 p. m. Pasteurized milk, 10 ozs.

The teacher in charge reports that these children are making very satisfactory school progress. The participation of the children in the setting of the table, and other duties incident to the noonday meal has the excellent educational value of teaching cleanliness, and good manners to those whose home conditions very often precludes development along these lines.' See Table 11, page 43, for statistical report of this division.

### "(4)"

### FOOD INSPECTION

Table No. 12, page 44, presents figures showing inspections made of the various lines of business engaged in the sale and distribution of food supplies, including milk and dairy produce.

Condemnations and seizures of products unfit for human consumption are also shown.

· Special inspection of restaurants, hotel kitchens, and places of a like character was inaugurated during the year, one sanitary inspector being detailed to this particular duty.

The results accomplished are shown as a part of Table No. 12.

### Sub. 1. Dairy Inspection.

Table No. 13, page 45, indicates the work performed under this head. The table in question deals with two sets of inspectors—city and country. The first named (two in number), are laymen, and their work is devoted largely to inspection of city dairy depots and the taking of samples for laboratory analysis. Two country inspectors, both graduate veterinarians, confine their duties particularly to the inspection of dairy ranches in outside counties that ship their product into the city. Our department pays a great deal of attention to the base of the milk supply, insisting upon the keeping of healthy cattle and the maintaining of sanitary surroundings in the production of this commodity.

Table 14, page 46, presents a statement of milk samples taken during the fiscal year for chemical and bacteriological analysis.

### LABORATORY WORK ON MILK

### (Chemical (on milk.)

Table 15, page 47, shows the result of chemical analysis of milk samples seized during the fiscal year, giving history of finding and action against offenders.

### BACTERIOLOGICAL (on milk)

Table 16, page 53, is devoted to a statement showing the bacteriological index of the city's milk supply for the fiscal year as determined by the Levy Method.

### GENERAL LABORATORY WORK

### Chemical Laboratory

Table No. 17, page 57, furnishes a report of general analytical work accomplished in the chemical laboratory (including milk samples).

Results of analyses of the city's drinking water will be found on pages 58 to 70 (Table No. 19).

Reference is made to Table No. 19, pages 58 to 70, for data on the results of analyses of the city's drinking water.

### Subs. 7 and 8. Meat and Provision Inspection.

Reference to Table No. 20, page 71, furnishes complete figures showing all inspections made in this division, the extent of condemnation work and also presents statistics showing record of animals slaughtered for human consumption.

### "H"

### NUISANCES

Under this heading is submitted:

Table No. 21, page 74, Division of Sanitary Inspection, giving a general resumé of nuisances complaints investigated and abated.

Table No. 22, page 75, shows what has been accomplished in the division of Industrial Inspection, the work of which is to remedy insanitary conditions found to exist in factories, workshops and other places of employment.

Table No. 23, page 76, covers a summarized history of Tenement House Inspection during the fiscal year.

This division has been in operation barely two years, and with the magnitude of the work involved in putting it into good working shape, it is hardly to be expected that thorough statistics of tenement and lodging houses are to be had at this time.

This work is carried on by three inspectors (two males, one female).

Arrangements have been perfected with the Bureau of Building Inspection, Board of Public Works, whereby our inspectors examine all plans submitted before a building permit can be issued.

Under this scheme, each plan before final approval passes through the hands of a Building Inspector, a Fire Warden and a Tenement House Inspector.

The Bureau of Building Inspection, Board of Works, issues the permit to build—the Tenement House Inspector, Board of Health issues the permit of occupancy—this latter document not being furnished until the Building Department forwards a "Certificate of Final Completion" to the Health Officer when a last inspection before occupancy is made by the Tenement House division.

In the examination of approval of plans of proposed alterations to tenements and lodgings we are confronted with a somewhat different condition from new work. In this case the building is already standing and is to be changed and modernized. Often the plans show a building that is to be changed or converted that does not fully comply with the law, but is a vast improvement over the existing structure.

In a case of this kind it resolves itself into leaving the old building as it is, or of granting some concessions, such as inadequate yard space, percentage of lot occupied, area of courts, etc.

These cases are carefully studied by both the Building Department, Board of Works, and the Tenement House division of this department and if the improvement warrants approval with respect to health and sanitation, aesthetics and safety, slight concessions are granted.

### "T"

### MUNICIPAL WASTES

The disposal of garbage is regulated by Ordinance which provides for destruction of same by incineration. Dumping of this waste is absolutely prohibited. The city has built two garbage incinerators which up to this writing have not been put into active service, as their reduction properties are a matter of debate, and litigation is now in progress over the matter.

In the meantime the Sanitary Reduction Works which was taken over by the city through expiration of franchise, is being operated under private management, the city receiving a bonus on the gross profits. The collection of garbage per se is not a municipal function. Individual scavengers working under permit issued by the Board of Health do the house to house collection and removal. The department of Health by powers invested in it through ordinance, regulates this feature insofar as the method of house to house collections are concerned, determines the character of receptacles to be used and adjusts all differences between the householder and the scavenger when questions arise as to service, overcharges, etc. The average charge for removal of household refuse is 35 cents per month (one removal each week).

### "J" INSPECTION OF PLUMBING

On page 78 appears Table No. 24, which supplies data showing the inspections covered in this division during the fiscal year and results obtained in the installation of sanitary plumbing appliances to take the place of defective and insanitary fixtures.

We also show a record of examinations held for applicants to qualify for a Master Plumber's License and the results thereof.

### "K" RESEARCH, EDUCATIONAL AND PUBLICITY WORK

Because of a lack of funds, the facilities for carrying out work as indicated in this caption are limited to such a degree as to be almost negligible.

We have repeatedly urged the appropriation of moneys that would enable us through the medium of literature, pamphlets, lectures, moving pictures and like methods to disseminate the doctrines of hygiene and the prevention of the spread of disease, the protection of the public health and all work of a similar character which comes naturally within the scope and province of our department, but so far we have failed signally.

Education in matters of health is what our citizens require, but with the very limited means now at our command we can do little towards bringing this about.

We look for the early dawn of a new day when this short-sighted policy will give way to a broader view of the duties and responsibilities devolving upon the municipality in so far as enlightenment of the public in health matters is concerned.

### "L" OTHER WORK DONE DURING THE YEAR

Exclusive of the general work accomplished as set forth in the numerous tables which go to make up this report, the Board of Health, sitting as a "Condemnation" board, has accomplished much good work through proceedings which have resulted in the demolition of many insanitary and unsightly structures, the rehabilitation of others, and the vacation of numerous places unfit for human habitation.

In Table No. 25, appearing on page 81, the figures will show precisely the results obtained in this connection. This work is the result of joint action between the city authorities and the United States Public Health Service, a large part of an appropriation of \$25,000 by the Federal Government being applied towards defraying the expense of inspection, etc.

### REVENUE OF HEALTH DEPARTMENT

Table 26, page 83, will present a detailed statement of moneys collected by the Department for the issuance of certified documents proper to be charged for.

We also present in the same connection, table No. 26a, a classified list of permits issued for the conducting of the particular industries requiring the issuance of a certificate by the Health Officer.

### ARRESTS FOR VIOLATION OF HEALTH ORDINANCES

Table 27, page 86, furnishes data indicating the activity of the department during the fiscal year in the enforcement through legal channels of health laws and ordinances. The number of arrests made, the number and character of the ordinance or law violated, convictions obtained and fines imposed are shown in detail.

### "M"

### RULES PASSED SINCE LAST REPORT

During the fiscal year a new health ordinance was drafted by this Department, presented to the Board of Supervisors with our recommendation for adoption and eventually became a part of our Sanitary Code, i. e.:

Ordinance No. 3726. "Defining mattresses; regulating the making, remaking, and sale thereof, prohibiting the use of insanitary and unhealthy materials therein; regulating the buying and sale of used mattresses; requiring that materials used shall be accurately described, and the percentage of materials used in each mattress stated, and prescribing the manner in which mattresses shall be labeled and materials disinfected or sterilized, and authorizing the Board of Health to adopt regulations governing sanitation of premises." (Approved May 10, 1916.)

The law is now in full force and effect and its provisions are being carried out through the medium of proper inspection.

### REGISTRATION OF PHYSICIANS AND MIDWIVES

By act of the State Legislature it devolved upon this Department to require the registration of every practicing physician in the city, and likewise all midwives by January 1, 1916. This work was properly accomplished within the time limit set and as a result the names of over 1100 physicians and 90 midwives are now duly registered with the Health Officer who, by virtue of his office, is under the State law, the Local Registrar for this district.

A movement is soon to be launched by this Department whereby it is hoped to compel by legislative enactment the registration of all persons practicing midwifery within the State. At present no requirement is necessary to enter this field of work, other than to merely register at the local Health Office. An adequate law will give us control of this very important feature, and will help raise the standard of practitioners.

### "N"

### LOCAL PROBLEMS

At this writing there is no special local problem before us, nor has any such presented itself during the year. Our work is so varied in its scope and diversified in its character as to not permit as a general rule of giving consideration to any one feature. However, should any such contingency arise, we meet it as the exigency may present itself.

### "0"

### INSTITUTIONS

Reports of institutions under the control of the department will be found as herewith set forth:

Emergency Hospitals, Alanson Weeks, M. D., Chief Surgeon, Table 28, page 87.

San Francisco Hospital (Inc. Tuberculosis Hospital), R. G. Brodrick, M. D., Superintendent, Tables 29-30, page 90 to 99.

Isolation Hospital, Arthur A. O'Neill, M. D., Medical Superintendent, Table

Relief Home Aged and Infirm, Chas. M. Wollenberg, Superintendent, Table 31, page 100.

### DIVISION OF CHARITIES

The report of the Inspector of Indigents on page 105, Table 32, gives figures showing admission of indigents to city institutions.

Table 33, page 106, covers the work done by the City Physician in the giving of gratuitous medical advice and treatment to the indigent sick; the protecting of the interests of the city in the matter of investigation of Municipal Railway accidents and cases of injuries sustained by city employees and the relation of such to the operation of the State Compensation Act. (Employers Liability Law.)

### "P"

### VITAL STATISTICS

The compilation of the Birth and Death records covering the fiscal year is exhaustively covered in the various tables appearing on pages 107 to 188.

While not altogether in accord with the recommendations as offered by the American Public Health Association, they set forth in a very comprehensive form all of the data usually sought for in this connection. It is no easy matter to make a radical change in the methods of presenting these statistics, though it is quite likely that in the next annual report our statistical tables will conform very closely if not entirely to the style of tables used now by the United States Bureau of the Census (Division of Vital Statistics).

On page 108 the record of births registered is given in tabulated form.

Record of still births (excluded from foregoing table) appears on page 109.

Table 6, page 189, shows interments, cremations, shipments, etc., of human remains.

See Table 7. page 190, for record of disinterments and removals, etc.

Respectfully submitted,

ARTHUR H. BARENDT,

President, Board of Health.

### Attest:

WILLIAM C. HASSLER, Health Officer.

### TABLE 1

### DIVISION OF ACCOUNTS

For the fiscal year 1915-1916 the Auditing Department shows in its statement of comparative units and costs an increase of work in the Central Office of 154,630 units. This is an increase of .088 over the work done in the previous fiscal year.

The work of the Auditing Department compared with last year is as follows:

	;	Requisitions	Demands
$1914 \cdot 1915$		7983	5570
1915-1916		6700	4664
		<del></del>	
Decrea	ise	1283	906

The funds audited during the year have decreased \$23,268.61 from the year before, the decrease being in the funds for the equipment of the San Francisco Hospital, which has been completed.

The work of the laboratories has increased 1862 examinations, a percentage of about .04.

The clerical work which is not overhead has decreased from 44,414 units to 41,120, a difference of 3,294 units. The decrease ir work is .074.

The work of the different inspection corps has increased 153,873 units, an increase of 9 per cent.

TABLE 1
FINANCIAL STATEMENT OF THE DEPARTMENT OF

			1915			
	July	Aug.	Sept.	Oct.	Nov.	Dec.
Relief Home—						
Salaries	5554.50	5538.00	5548.37	5512.84	5576.50	
Maintenance	12453.04	10876.08		13634.54		
Additional Supplies	500.00	500.00	500.00	500.00	500.00	500.00
Water	131.68	20 13		74.00	91.17	107,05
Receipts	30.00	365.00	60.00	332.00	104.79	105.80
Isolation Hospital-						
Salaries	1496 80	1574.70		1394.00	1379.84	1556.00
Maintenance	1410.07	1185.32	1149.73	1091.42	1505.69	1739.38
Additional Supplies					175.00	
Water	125.98	131.98	82.83	87.18	84.75	63.85
Electricity (Light)	5.55	4.80	3.87	7.23	10.71	12.36
Special Sanitation-						
Salaries	626.67	630.00		630.00	555.00	5 <b>5</b> 5.00
Expenses	190.84	184.21	286.76	194.73	308.08	249.44
Central Office-						
Salaries	9931.15	9981.00	9990.00	9981.50	10086.00	
Expenses	1438.14	1059.44		1046.00	1123.08	1125.58
Burial of Indigent Dead	248.50	199.50	253.00	235.00	333.50	256.00
Special Appropriations	1096.70			566.15		2.85
Rent	350.00			350.00	350.00	
Water	14.06		10 14	8.23	9.66	
Electricity (Light)	15.96			17.07	28.02	34.29 109.50
Receipts	87.25	91.75	90.25	121.00	93.25	109.50
Emergency Hospital			İ			
Salaries	5659.00			5659.00		5635.00
Maintenance	412.32	1113.60		1161.93	1089.35	1267.87
Vacation, Reliefs	519.35			372,85	304.65	139.15
Electricity (Light)	33.48	132.45		57.72	57.93	
Water	27,26			10.80	16.84	
Rent	225.00	225.00	225.00	225.00	225.00	225.00
San Francisco Hospital-						
Salaries	9940.45		10081.55		10206.85	
Salaries T. B. Dept	1733.05		1718.45		1635.45	
Maintenance			10345.30			
Equipment				2709.16	1125.59	
Water	653.58				511 73	
Electricity (Light)	46.95			62.43	86.19 34.70	
Receipts	53.00	79.50	10.00	48.41	34.70	94.10
Gasoline and Oil for Autos	66.01	49.84	83.85	56.07	70.46	56.07
Purchase of Ambulance		3000.00				
Total	65508.99	68563.68	64295.79	68883.82	74988.53	69661.24

Kener mome—	
Transferred from 1914-1915	689.90
Expended for Maintenance 1915-1916	
Total	156,174.76
San Francisco Hospital-	
Transferred from 1914-1915	2,520.92
Expended for Maintenance 1915-1916	
	158,095.32
Transferred to 1916-1917	38.40
·	158,056.92

### -Continued.

### PUBLIC HEALTH FOR THE FISCAL YEAR 1915-1916.

		. 1	.916					псе	Appro-
Jan.	Feb.	Mar.	Apr.	May	June	To	tal	Balance	priation
FF04 05									
5501.35	5570.10		5591.00	5456.00	5531.01	66580.2	000005 10		000007.10
500.00		13615.95 2000.00	500.00						222065.10
89.75		116.12	124.03		765.64				
61.00		117.02	30.00	559.80	203.33				
1759.50	1780.85	1881.50	2175.00	2048.40	2126.00		20637.59	30.41	20668.00
1714.37							21150.82		21150.82
************				799.68	1210.69		. 2185.37	.93	2186.30
56.96		68.80	98.86	115.55	118.96		.  * 1104.80		
13.35	9.42	7.26	4.17	3.78	3.06		. * 85.56		
555.00	630.00	630.00	630.00	555.00	490.00	7116.67			
198.77	159.77	250.38	248,23	251.73	358.10	2881.04	9997.71	2.29	10000.00
10198.00	10251.55	10346.15	10128.35	10284.65	10414.50		121741.50		121741.50
1495.51	1343.59	1389.11		1437.65					14487.59
308.50	252.50	309.50	249.00	211.00			2992.50	1007.50	4000.00
350.00	350.00	250.00	250.00	250.00					
10.89		350.00 11.36	350.00 11.13	350.00 13.62	15.50		* 111.06		
53.22	34.47	26.07	17.04	19.44					***************************************
119.50		226.20	103.50	95.25	108.00				
5647.00	5647.00	5635.00	5635.00	5816,35	5705.00		68035.35	16.65	68052.00
1557.80	872.98	1142.55	1239.72	2069.60	1595.17				
124.70	124.65	137.95	124.65	2005.00					
73.47	66.90	73.77	44,37	44.85	37.62				
17.96	17.93	13.68	14.12	12.73	11.05		* 216.79		
225.00	225.00	1275.00		12.73 1275.00	1275.00				
10264.90	10971.50	11071.80	10643.00	10885,75	11206.80	125820.25			
1849.30	1851.50	1851.95	9901.00	2126.55	1919 75		21890 95	19.05	21910.00
15129.26	13767.07	14932.79	13223.99	13025.53	15730.59	155574.40	281394.65		201094,00
12.00	122 25 467.17	536.55	89.00		53,39		10928.76	2969.70	13898.46
473.00	467.17	454.32	544.04	533.13			* 6702.15		
117.90 15.93	97.65 9.15	79.26 20.20	49.17	45.54			C00.21		
80.92	75.83	65.42	57.41	57.41	82.01		801.30		
•••••							3000.00		3000.0 <b>0</b>
71018.65	71560.78	76933.58	71457.74	75948.57	77471.46		856292.83	4174.51	832055.57
Station	ery Pri	nting	Books	Postage	Tota	al			
155.1		-	35.84	112.00	484.				
81.6			12.83	26.00	145.				
432.7									
				912.00	3,267.				
81.6 334.2			73.18 78.89	45.00 109.50	575. 1,675.		6,148.38		
	- 00			200.00	1,0,0.	-			
							862,441.21		
				Les	s receip	ots	4,525.14		
						-			
				Tot	al cost	8	357,916.07		
-									

<sup>\*</sup> Not paid out of Department of Public Health Appropriations.

TABLE 1-Continued.

COMPARATIVE STATEMENT OF UNITS OF WORK AND COSTS OF EACH UNIT WITH PREVIOUS YEAR.

	1914-15 Amount	14-15 1915-16 Amount Expended	Increase	1914-15 1915-1 Cost per Dollar	1915-16 Dollar	Decrease
Auditing Department\$879,561.44	879,561.44	\$856,212.83	\$23,268.61*	.0048	.0051	,0003†
	Units of	of Work		Cost per	r Unit	
Bureau of Vital Statistics—Certificate recorded or						
narmit issued	30,861	29,756	1,105*	.166	.185	÷610.
Bureau of Laboratories - Examination or analysis	39,863	41,725	1,862	.393	.406	.013†
Sanitary Inspection—Inspections	8,550	16,002	7,452	1.477	.781	969.
Disinfection—Rooms disinfected	4,665	5,222	557	1.242	1.173	690.
Plumbing Inspection—Inspections	22,762	24,028	1,266	.67	.636	.034
Market Inspection—Markets and Cattle	1.113,353	1,220,096	106,743	.03	.028	.002
Food Inspection—Inspections	4.637	5,100	463	689.	769.	‡800°
Dairy Instructions—Dairies Denots and Cows	135,458	167,840	32,382	.075	.058	.017
Will Inspection—Samples	3.614	2,960	654*	.389	.562	1737
Industrial Inspection—Inspections	8,810	8,580	230*	·658	.578	80.
School Medical Inspection-Examinations, Treat						
ments and Dressings	229,543	233,802	4,259	.119	.113	900.
City Physician—Visits and Treatments.	4,944	4,594	350*	609.	.70	,091†
Increator of Indiants-Investigations	8.216	10,754	2,538	.225	.201	.024
Tenement House Inspection—Inspections	4,491	3,938	553*	.85	1.225	.375
Total	1,619,767	1,774,397	154,630			

\* Decrease.

### TABLE 1-Continued.

### STATEMENT OF UNIT COSTS CENTRAL OFFICE, DEPARTMENT OF PUBLIC HEALTH, 1915-1916. EXECUTIVE OFFICE.

	Funds, Dept. of Public Health	Other Funds
Salaries-		
Health Officer, Chief Clerk, Filing Clerk, Stenogra- pher and two-thirds salary of Telephone Operator.		
Expenses-		
General and overhead expense of department	1,575.91	
Depreciation of Equipment—		
Value July 1, 1915\$3,712.60		
Purchased during year		•
funds		
Total\$4,233.16		
Less 10% for depreciation	423.32	
	11,121.30	
Deduct \$250 expense Baby Hygiene Week. Not		
a proper charge	250.00	
	10,871.30	
Rent, 1085 Mission Street	·•	4,200.00
Light		286.95
Water		144.06
Stationery and Printing		859.22
Postage		780.10
Salaries, two police officers detailed to Department of		0.000.00
Public Health		2,928.00 1,080.00
Wages, Janitor furnished by Board of Public Works		1,030.00
Total	.\$10,871,30 \$	10,278.33

This total cost of executive office is to be divided among the different bureaus pro rata to the number of months worked during the fiscal year 1915-1916.

Total number of working months Central Office, 920.5.

Average pro rata of executive cost per working month, \$11.81.

Average pro rata of rent, light, water, stationery, postage referred to in the report as other costs per working month, \$11.17.

TABLE 1-Continued

268.00 179.18 30.35 4,396.35		856,292.83	
		856,292.83	.0051
		856,292.83	.0051
,		856,292.83	.0051
. , .		856,292.83	.0051
		856,292.83	.0051
		856,292.83	.0051
•		856,292.83	.0051
			.0051
402.00			
373.31			
13.15 5,511.24			
	12,558		
	1,501		-
	15,697	29,756	
			.185
	12, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	558 501 697	

# BUREAU OF LABORATORIES-

!						.406
						41,725
						37,622 3,926 177
						16,960.46
525.00	55.27	1,094.60	105.38 $44.45$			
1,885.85	1,826.98					265.53
Salaries, director, bacteriologist, two chemists and four as-	Pro rata of executive cost 98 months, work 157 40	Pro rata of other costs.	Frinting Postage	Depreciation of Equipment:  Value July 1, 1915\$2,436,12  Purchased during year	Total \$2,655.27	Less 10% for depreciation  Bacteriological Examinations Chemical Analyses Pasteur Treatments Cost of each unit

### TABLE 1-Continued

### BUREAU OF SANITATION—GENERAL AND OVERHEAD COSTS.

	Funds, Dept. of Public Health	
Salaries— Chief Sanitary Inspector, Clerk Bureau of Sanitate Two Stenographers and one-third salary of telephoperator	none	
Expenses—  Value of Auto Equipment\$426.0  Depreciation of Equipment	382.63	70.62 559.77 42.70 647.40
Total  The total cost of the Bureau of Sanitation is to be ent bureaus pro rata to the number of months work 1915-1916.  Total number of working months	\$9,267.71 divided among ed during the	\$1,320.49 the differ-

TABLE No. 1-Continued

SANITARY INSPECTION—	D. of P. H. Funds	Other Funds	Total	Units of Work	Total Average	Average
Salaries of five inspectors\$ 7,950.00	3 7,950.00					
Transportation and expenses	436.55					:
Pro rata of executive cost 54 months' work.	1,909.20	49.60				:
Pro rata of other costs.		603.00				
Pro rata of Bureau of Sanitation costs.	737.60	10.15	19 801 61			i
Number of inspections made on complaint			10:00:10	9,526		
Premises placed in quarantine and infections diseases investigated	* * * * * * * * * * * * * * * * * * *			6,476	16,003	į
Cost of each unit.						.781
DISINFECTION—						
Salaries of two disinfectors	2,941.65					i
Transportation and expenses.  Value of automobile equipment	1,615.79	268,66				i
Depreciation of equipment	360.00					į
Pro rata of other cests	283.45	00000				i
Pro rata of Burcau of Sanitation costs.	327.80	46.50				
Printing		13,45	6,125.30			
Number of rooms distufected					5,222	:
Cost per room						1.173

TABLE 1-Continued.

.Ö	D. of P. H. Funds	Other Funds	Total	Units of Work	Total Average	verage
PLUMBING INSPECTION—						
Salaries of chief and five inspectors	0,050.00			;		:
Transportation and expenses	1,522.94	376.47				:
Value of automobile equipment—Old \$ 730.00						
Now						
\$1,080.00						
Dopreciation of equipment	720.00					:
Pro rata of executive cost 65 months' work	767.65					:
Pro rata of other costs		726.00				•
Pro rata of Bureau of Sanitation costs	887.80	126.50				:
Drinting		97.64	15,275.00			:
Number of plans examined				1,579		:
Transation on construction and sewers				17,750		-
Thispection on construction and son creaming the construction of mismages				4,699	24,028	;
Inspection of nuisances						.636
Cost of each unit						
-NOIDORGENT MAZICIAN						
Salaries of three veterinarians and fourteen inspectors 2	25,935.00					
Transportation and expenses.	227.69					:
Pro rata of executive costs 204.5 months' work	2,415.20					
Pro rata of other costs.		2,284.10				:
Pro rata of Ruroan of Sanitation	2,793.31	398.50				:
Dainting		9.50	34,063.30			
Dlace inernated				23,356		:
d and inspected				826,149		:
Don'the and some dozens				328,916		:
Fish boxes of 200 lbs.				41,675	1,229,096	
Cost of each unit-	*********	********	****			028

## FOOD INSPECTION-

	2,333.30 258.82	69.03				
Depreciation of equipment	180.00					i
Pro rata of other costs		206.15				
Pro rata of Bureau of Sanitation.	252.70	36.00	3,554.49			
Number of inspections made				4,433		
Samples confected for analyses.				667	5,100	
Cost of each inspection.						
	5,766.53					
	1,916.25	87.12				
Value of Automobile equipment\$240.00	0					
Depreciation of equipment	360.00					
Fro rata of executive costs 41.5 months' work	490.15					
Fro rata of other costs.		463.00				
Fro rata of Bureau of Sanitation	566.80	80.74				
Printing		19.00	9,749.59			
*Dairies inspected in San Francisco				139		
*Dairies inspected in other counties.				1,257		
*Dairy depots				2,186		
Miscellaneous milk venders.				1,439		
				162,792		
Sample of water for analyses				2.2	167,840	
Cost of each unit						

\* Includes cans and appliances.

TABLE 1-Continued.

	D. of P. H.	Other	E	Units of	Total Av	969494
MILK INSPECTION—	Funds	Funds	Total	WOTE	lotal Average	verage
Salaries of food and dairy inspectors	1,233.52					i
Exnenses	30.32					:
Pro rata of executive costs 10 months' work	118.10					:
Pro rata of other costs		111.50				:
Pro rata of Bureau of Sanitation.	136.60	19.25				:
Printing		13.65	1,662.94			į
of milk collected from					2,960	
Cost of each sample taken						.562
INDISTRIAL INSPECTION-						
Calcular of these increations	3,641,65					į
Dataties of fitter mappeness						:
Dro rata of eventive costs 29 months' work						;
Dro rata of other costs		323.58				:
Dro rata Rursan of Sanitation		56.30	4,968.59			1
Number of inspections	•				8,580	1
Cost of each inspection						.578
SCHOOL MEDICAL INSPECTION—						
Solonies of three medical insuertors and fourteen nurses	. 17,475.65					
Expenses and transportation	1,032.03					i
Pro rata of executive costs 203.5 months' work						
Pro rata of other costs		2,273.00				1
Pro rata Burean of Sanitation	2,779.70	396.45				•
Printing		98.90	26,459.08			
				9,555		
Examinations by nurses, including dressings and treatments				213,139		
Home visits				11,108	233,802	
Cost per unit.	:					.113
•						

### CITY PHYSICIAN-

141.70	0	3,212.50 1,550 2,826 103 115		4,594
2 months' work 141.70 1  1 and juil visits to injured	ಣ			
t and juil visits to injured	o			
t and juil	0			
t and juil				•
t and jail		1 11 1		•
ed :: 1.350.51		1 11 1	: : : :	•
ed			: : :	•
ant 1,350.51 275.00 275.00 180.00 14 months' work. 165.35				•
1,350,51 275,00 ant \$387,90 14 months' work 165,35 and calls.				
1,350.51 275.00 180.00 165.35				
275.00 180.00 165.35				
180.00				
180.00				
165.35				
			-	
	156.00 2,16	2,164.47		
4				107.54
Cost per unit			·	
TENEMENT HOUSE INSPECTION—				
Salaries of three inspectors 3,541,70				
Expenses and transportation				
Pro rata of executive costs 28.5 months' work				
Pro rata of other costs			·	
389.30	55.25			
Printing 16.20	16.20 4,82	4,824.29		
Total number of inspections				3,938
Cost per inspection				1.225

TABLE 1-Continued.

CLASSIFICATION OF EXPENDITURES FOR THE FISCAL YEAR 1915-1916 ON THE BASIS SUGGESTED BY THE BUREAU OF ATHE OF THE CENSIS DEPARTMENT OF COMMERCE AND LAROR

OF THE CENSUS, DEPARTMENT OF COMMERCE AND LABOR.	AND LA	BUK.		\$254,559,39
Retration of treatment (Peneral Administration			\$ 27,162.10	
Salaries of Executive Officers.	<del>66</del> -	8,400.00		
Salaries of Accountant, Clerks, Stenographers and Telephone Operators		9,122.11		
Office supplies, postage, printing, books, stationery, photography, jan-				
itorials, telephone and telegraph		4,083.75		
Rent		4,200.00		
Water, light, heat		524.19		
Automobiles for general administration		807.13		
Other general expenses		24.92	7,797.67	
Notification and registration of births, and registration of sickness,				
deaths, recovery from sickness, and issuing permits for burial and				
disinterment and making abstracts of records		6,897.67		
Tabulation analysis interpretation and publication of statistics		900.00		
Treatment and Prevention of Communicable Diseases		00 101 00	183,902.70	
Tuberenlosis Hospital, 78,096 hospital days at 1.05	1,038.36	30,404,23		
	934.16			
Inspection, condemnation and destruction of cows, beef animals				
and meat affected with tuberculosis23,291.14	91.14			
Hospital for Communicable Diseases other than Tuberculosis		43,298.81		
Isolation Hospital—				
Diphtheria				
Diphtheria carriers 119 cases				
Scarlet fever 148 cases				
Measles 12 cases				
Erysipelas 57 cases				
_				
Other communicable diseases				
Total 807 cases				

21,745.27	**************************************	13,130.73 3,891.94 9,238.79	18,986,73 18,507.68 18,507.68 14,200.00 14,307.68			ducts
Other treatment of communicable discases		Other prevention of communicable discases  Disinfection Extermination of rats.	Conservation of Child Life  Medical work for school children  Inspection of school children by physicians  Work of nurses for school children.	Conservation of life of infants	Supervision of orphanages and day nurseries.  Food Inspection  Milk and dairy control.  Inspection and tests of herds and inspection of stables, milk stations, ice cream manufacturers and collection of samples of dairy	Laboratory and research including tests of dairy products.  Other food regulation and control.  Inspection of all places for sale and manufacture of food, including bakeries, restaurants and hotels and the collection of samples of food drinks and drugs.  Laboratory and research including tests of all foods, drinks and drugs other than dairy products.

TABLE 1—Continued.

CLASSIFICATION OF EXPENDITURES FOR THE FISCAL YEER 1915-1916 ON THE BASIS SUGGESTED BY THE BUREAU OF THE CENSUS, DEPARTMENT OF COMMERCE AND LABOR—Continued

	61	1		م م	<u>.</u>	D	
,	330.328.02			15,692.65	235,892.39	18,303.29	
1,159.97	422.10 300.60 1,257.66	93,693.10 232,036.25 2.935.55	1,663.12	3,708.94 232.65 11,751.06	224,399.89 8,500.00 2,992.50	. 1,665.70 479.31 219.15 10,928.76 2,010.37 3,000.00	
198.90 946.22 14.85							
Sanitation and Promotion of Cleanliness.  General sanitary regulation and inspection.  Inspection of seavenger wagons.  Inspection of slaughter houses.  Inspection of bathing establishments.	Inspection of laundries	Expenses for General Hospitals and Care of Sick and Injured.  Emergency Hospitals, five (number of cases handled 34,393)	accidents and for persons injured under employers training accommendate service investigation of applicants for admission to public institutions and for medical and surgical attention	Miscellaneous Protection of Person and Property	Other Activities  Care of aged and infirm  Lodging house for unemployed  Burial of indigent dead	Outlays  Purchase of automobile for inspection purposes  Furniture and office equipment  Laboratory equipment  Additional equipment for general hospital  Additional equipment for communicable disease hospital  Darchase of amhulance	T III CHIESE OF WILLSON COMMISSION OF THE COMMIS

### TABLE 1—Continued.

### SUMMARY.

		Percentage of Ex- penditure
Conservation of Health	\$254,559.39	.2968
General Administration\$ 27,162.10		.0317
Vital Statistics		.0091
Treatment and Prevention of Com-		
municable Diseases		.2143
Conservation of Child Life 18,986.73		.0221
Food Inspection		.0194
Sanitation or Promotion of Cleanliness 3,140.33		.0036
General Hospitals and Care of Sick and		
Injured	325,729.35	.3796
Protection of Person and Property	15,692.65	.0182
Other Activities	240,491.06	,2803
Ontlays	18,303.29	0213
Total	\$857,916.07	- 7

TABLE 1-Continued.

AUTOMOBILE COSTS AND MILEAGE FISCAL YEAR 1915-1916.

Total Total	Total Mileage Total Ost				91,481 4,148.22	
Avera	Average Cost per Mile					.0453
Total	Total Cost including depreciation				6,308	
Avera	Average Cost per Mile					6890.
				Cost		Cost
		Miles	Cost	per mile	Cost*	per mile
Ē	The state of the s	10,978	432.29	.0393	612.29	.0558
ă â	7 -		573.41	.0488	753.41	.0642
4 E	249 Dany		415.11	7090.	595.11	.0871
i i	` _		356.29	.0550	536.29	.0829
ត់ ទី ឯគ	201 Humbing 050 Disinfaation		368.74	.0576	548.74	.0857
4 6 4 6	Dismission		385.76	.0498	565.76	.0732
	' -		365.90	.0743	545.90	.111
	' '		312.00	.0317	492.00	.0503
			165.42	.0254	345.42	.0531
		6,687	230.12	.0344	410.12	.0613
1 G		6,276	206.55	.0329	386.55	.0616
1 E		7,150	336.63	.0470	516.63	.0723
		91,481	4,148.22		6,308.22	

\* Including depreciation.

Ϋ́ΑΒΕΕ 2, ΑΝΝΌΑΙ REPORT COMMUNICABLE DISEASES,

	5			18	1915					1916	91		
	1001	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Amebiasis Anthrax (Human) Rari Bari	<b>≈</b>		21		1								
Corebo Spinal Meningitis Chickenpox - Siphtheria.	4 1016 1247	13.72	27 57	82	28.8	101	8. 18.	1118	1.18 120	149	5.51 5.81		- 85
Ersener Fryspelas	~E	5	es.	ಣ	- v	9	œ	93	20	ទា	=	15	27
Glanders (Animal) Impetigo	Ϋ́	1	~	r-	œ	21		so -	ဗ	51	÷1.	21	ş; :
Influenza Leprosy	c:							- 01		-			1
	.685 .884	5 s	-∞ <b>=</b>	1 71	re α <u>21</u>	5100	7 66	តត	11 2	11 365	- 0 4	488	372
optimizationsis. Professis. Professis. Professis. Poliomyotiks. Rabies (Animal)	_=#	16	1~	8-	-8	\$ 1	22	65	뜷	99	- 12	7 <del>7</del>	0581
Ringworm Rotheln Scabies	x -			,	21	-	-		1		-		_
Scarlet Fever Smallpox Tetanus	- 55 × 5	16	51	- FR	19	8:1	£1	55 E	157	212	1.19	116	€ ,
Tinca Vesicolor Trachom Prichinosis	o — gg =				Ç1	11	1	-	es.	4-	-	e1 <del>-7</del> :	
Tuberculosis Typhoid Fever, Local Origin Typtioid Fever, Outside Origin Urlicaria	155 178 178	127 8 9	÷222	発工さ	11.8 10.0 10.0	109 50 cs	12 5	21 21 6	90 60 60	-67.4	5 5 6 8	78 <u>2</u> 00	500
Uncinariasis Whooping Cough Wiphtherin (Presidio)	- 8619 - 819	22	91	ę.	. 19	-8	-88	£ 24	- 56 c	116	3	72	97
VIPALED CHIRA CERTIFORS	680	27	2	6	.a	FF	F4 :	- 71	=	177	1.1	23	22
	<u>21</u>	387	9	387	178	633	<u>x</u>	912	1072	1373	25.	X.55	268

TABLE 3

CASES AND DEATHS OF DISEASES DANGEROUS TO THE PUBLIC HEALTH, BY MONTHS-CALENDAR YEAR 1915.

This table includes All cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere, or were contracted outside of the city.

		Deaths	<b>1</b> -10404400000004	4
	Other Forms	Cases*	********	•
sis		Desths	051-104×1-001-100	79
Tuberculosis	Meningeal	Cases*	*****	*
Tube	·	Deaths	758652537775428	793
	Pulmonary railiM bas	Cuses	153 142 142 155 155 177 180 182 118	1592
		Deaths	0000000000	0
	Poliomyelitis	Cases	000000000000000000000000000000000000000	6
	TUD TOMMYOO LY	Deaths	0000000000	0
	simladthqO murotano9N	Cases	00000000000	0
		Deaths	0000000000	0
	Smallpox	Cases	00000000000	7
		Deaths	232001300	21
ųź	Whooping Coug	Cases	80478411134183	374
		Deaths	4&740000000	19
	Measles	SaseD	581 100 230 230 230 24 24 250 250 250 250 250 250 250 250 250 250	1723
		Deaths	®®™®4™®4™®H4	43
	Typhoid Fever	†sess7	12 12 12 12 12 12 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15	205
		Deaths	000100001000	4
	Scarlet Fever	Cases	88282272888	426
		Deaths	15 11 15 15 15 15 15 15 15 15 15 15 15 1	113
	Diphtheria	Cases	162 156 129 175 175 176 87 87 87 87 101	1390
	Months 1915		January Pebruary April April May June Auly September October November	Totals

\* Cases not reported.
† Includes 172 cases not local in origin.

TABLE 4.

CASÈS AND DEATHS FROM CERTAIN DISEASES. EACH YEAR FOR TEN YEARS.

This table includes All cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere, or were contracted outside of the city.

ı	i	Desths	35 54 57 57 57
	Other Forms		20000400000
sis		Cases *	
nlos	Meningeal	Deaths	25 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Tuberculosis	, , , , , ,	Cases *	* * * * * * * * *
Tu	TrailiM bas	Deaths	578 689 702 706 702 693 793 793
	Pulmonary yrgilith bas	Cases	595 765 1355 1510 1279 1238 1418 1592
		Deaths	01-0-001-0
	Poliomyelitis	Cases	* * * * * * * * * * * * *
	Neonatorum	Deaths	0000000
	simladthqO	Cases*	* * * * * * * * *
		Deaths	L4E00E000
	Smallpox	Cases	23.8 13.4 13.4 10.5 10.5 10.5 7.7
1181	uoO gniqoohW	Deaths	8448888284
4~	moD naigoodW	SaseD	433 309 487 1297 374
	Measles	Deaths	2422 1322 1472 146 150 150 150 150 150 150 150 150 150 150
	50[500]{	Cases	1231 2115 1038 1212 451 4444 1723
	Typhoid Fever	Deaths	222 107 22 22 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25
		Gases	1279 266 266 345 285 836 836 224 205
	Scarlet Fever	Deaths	9 24 10 17 1 16 8 8
		Gases	229 246 499 501 599 192 305 414 426
	БітэйійдіО	Deaths	128222822 128222822 13822282
	ninodidai(I	Gases	295 664 589 521 316 326 379 796 1390
	Years (Calendar)		906 1907 1908 1909 1910 1911 1912 1913 1914

† Records destroyed.

\* Cases not reported.

TABLE 5

BACTERIOLOGICAL EXAMINATIONS.

### DIPHTHERIA

	- 1			
	Total	3771 1001 734 681 2638 2116	2105 2480 4752 3920 2932 2657	29787
	Doubtful	21	нене	7
School	No Growth			2
Sc	Negative	2101 145 29 3 1457 462	284 288 1029 469 148 282	2699
	Positive	109 26 12 13 13	25 7 85 11 7	344
	Doubtful			2
	SuoisidsuS		H	-
Contact	No Growth		4ರ4ರ೮14	25
0,	Svitegen	198 90 50 67 186 331	384 406 657 595 444 487	3845
-	Positive	27 4 4 2 12 12	445 114 23 23 23	425
	Doubtful	ର ପପର	10 10	22
dary	No Growth	<u> </u>	7 18 18 17 17	145
Secondary	Negative	713 367 179 192 326 501	422 637 935 1048 943 676	6869
	Positive	288 129 38 54 213	428 552 1014 915 490 526	4993
	Initduod		8 4 01 07 4 11	37
ary	No Growth	3225	807440	4
Primary	Negative	232 199 322 331 368	419 440 748 632 748 621	5441
	Positive	84 29 4 29 80 80 80 80 80 80 80 80 80 80 80 80 80	7.42 88.85 88.85 88.85	819
		1915 July September Scotober November December	1916 January February March April	Total

TABLE 5—Continued.

BACTERIOLOGICAL EXAMINATIONS.

1		anoisiq	-	21
	S.)	Sugative	3180-85-4 614-4 851	   දැ
	Rabies			
		Positive		
	S	Segative	247538 2575x9	163
	Peces	Positive		65
Typhoid		Initiduod	ଜୟୁ≂ର ପ	23
1	Widals	Segative	888552 88588	329
		Positive	#####################################	55
1,50	z z z	Szitzg9Z	98 156 157 150 150 151 151 152 153 153 153 153 153 153 153 153 153 153	2010
The London Lead	a commen	Positive	2528888 885285 2528888 885285	1013
			July 1915.  August.  August.  Geolember.  Occomber.  1916  January.  Rarch.  March.  March.  Mary.  Mary.  Mary.	

† Human.

TABLE 5-Continued.

BACTERIOLOGICAL EXAMINATIONS—VENEREAL DISEASES.

		suoisiqsu8	1 1	2
890		InliduoU	ପ୍ରପଦ୍ଧତା ପ୍ୟସତା ହ	44
Gonorrhoea		9vits39N	49 633 533 54 640 54 54 86 89 68 68 68 68	721
		Positive	8000800 rom408	20
	est	Doubtful	1 1	-41
Gonorrheal	Comp. Fix. Test	Negative		53
Gol	Comp.	Positive	H400         P001	33
	- P	Doubtful	HH 61	4
	Spinal Fluid	9vits29V	~ ~ 4 ~ 11 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	16
n Tests	Spi	Positive	9995H 0349 HH	25
Wasserman Tests		Doubiful		25
W	Blood	9vitag9M	\$25.82 12.12 13.88 13.88 13.88 13.89	978
		Positive	, 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	152
			1915. July Sugnation September September October November December 1916 January February March April	

TABLE 5-Continued.

### BACTERIOLOGICAL EXAMINATIONS.

RABIES.
---------

	_				
1915—	Positive	Negative	Suspicious		Pasteur Treatments Administrd.
July		2			
August		3	1	2	45
September		1			5
October		3			
November		1			
December	1	1		1	39
1916—					
January		2		1	11
February		1			
March		1		1	15
April				1	21
May		3	1		17
June		2		1	24
	1	20	2	7	177

<sup>\*</sup> Total treated to date 239.

TABLE No. 6.

# REPORT OF ADMISSIONS TO ISOLATION HOSPITAL,

FISCAL YEAR 1915-16.

-	Total	04 11 11 12 12 13 13 14 10 10 10 10 10 10 10 10 10 10 10 10 10
	June	11 22 1 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	July Aug. Sept. Oct. Nov. Dec. Jan. Feb. Mar. Apr. May June	8 1 2002
1916	Apr.	25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
19	Mar.	11 32 1 58 33 2
	Feb.	443 110 113 11 11 33
	Jan.	44 4 5 1 1 1 2 2 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1
	Dec.	31 13 9 9
	Nov.	16 5 1 1 1 1 1 1 1 1 1 1
1915	Oct.	15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
19	Sept.	1 1 5250
	Aug.	21 2 3 2 2 2
	July	36 36 36 36
		Diphtheria Diphtheria Diphtheria Scarlet Fever Realis Parotifis Pa

TABLE No. 6-Continued.

	atients dmitted	Patients Discharged	Died	Cost per Patient Per Day	Hospital Days
July	. 55	47	3	\$1.435	1,659
August	. 32	37	0	2.18	1,216
September	. 22	15	1	3.26	833
October	. 32	49	3	2.58	963
November	. 33	25	3	2.395	1,204
December	64	48	3	1.36	1,691
1916.					.,
January	60	53	3	1.78	1,908
February	83	56	3	1.82	1,860
March	142	91	12	1.80	2,543
April	98	105	10	1.42	3.045
May	96	101	12	1.41	2,651
June	90	84	6	1.87	2,345
Totals	807	711	59	*	21,928

<sup>\*</sup>Average cost per patient per day, \$1.90.

 $\label{table no. 8.}$  Free diphtheritic antitoxin dispensed fiscal year 1915-1916.

	10,000	7,500	5,000	4,000	3,000	2,000	1,000
Month	Units	Units	Units	Units	Units	Units	$\mathbf{Units}$
1915.							
July	50		75			10	100
August	5		15				30
September	10		.20				45
October	5						20
November	48		30				65
December		5	50				55
1916.							
January	60		40				88
February	10		5				2
March	30	5	90				160
April	21		23			25	30
May			35				75
June			15				10
J 444.0				_	_	_	
	348	10	398			35	68 <b>u</b>

Total units dispensed 4,703,000.

TABLE 9.

ANNUAL REPORT, DIVISION OF SANITARY DISINFECTION.

	"Doto la			118	1915					15	1916		
	romis	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Fumigations— Diphtheria————————————————————————————————————	1093	108	====	£83 	원 	چ 	<b>5</b> 1		101	[ ]	E E E	15	121
Smallpox Tuberculosis	01 101	드 이 젊	: %	8 8	£ 88	₹°¹ळ	g 8	808	107	153	3 13	<u> </u>	96 27
Cerebro Spin, Meningitis Typhoid Fever Glanders	: 75			,	Ţ	¢1	01	01	-1		e:	_	୍ଟା ଓ
Other Cases. Poliomyelitis	e မိုး	-	-	2		819	5155	-		: 🕶	-	4 00	24
Total	3161	211	<u> </u>	160	179	191	562	359	335	366	386	370	300
Rooms Fumigated Cubic Feet Disinfected		5,222 10,332,600 631,900	214 399,100	100,200	294 478,600	304 520,400	408	422 878,300	540 1153,600	6510 656 656 656 656 1255,600 1296,200 1025,600 1301,900 1055700	656 1425,500	580 1304,900	254 1055700
Material Used— Pormaldehyde, solid Pormali (0x.) Sulphur (1bs.) Kresol Comp. (0x.) C'hloride of Jime (1bs.)	5,567 3,083 829 32	8,090 136	5,034 38	5,379 118	5,856 200	235 1,776 35	754 88 88	567 864 16	25 E	890 1,108 32	965 568	871 416 44	802 258 2
Crude Carbolic Acid (ox.) Petric Dishes Placed Neko Compound	$\frac{x}{x}$		æ	95	16	œ			5				25

TABLE 10.

MORTALITY OF CHILDREN UNDER AGE OF 1 YEAR CLASSIFIED BY AGE PERIODS FOR CALENDAR YEAR.

- 1	sdinoM 21-9	G14400004000	21 24	45		45
	e-9 Months	400000000000000000000000000000000000000	29 18	47	80.0	47
	3-6 Months	88884444861617 B	38	65	-0100	65
	2-3 Months	010040010101000H01 0	32	<u> </u>	1 0.1	32
	sdinoM 2-1	0	32	47	6.63	47
	3 Weeks	10 700 0 4 14 6	£1.8	21	1	21
Ages	2-3 Weeks	40700110110110000   &	12	82 8	67 - 67 -	83
,	1-2 Weeks	4040031H000H000	2 2 2	33	3	88
	S Days to 1 Week	F80040040000	13	31	1	31
	2-3 Days	-04 -44 -44 -	5	11 1		=
	sysG 2-1	844444848 <b>6</b>	22.5	88 8	2 1 2	33
	Under I Day	8 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	74 66	140	7 7	140
	Total Deaths Under I Year	\$423424848445	314 219	533	<del>1</del> 2 2 3	533
	Calendar Year 1915.	January. Pebruary March March April April June June Cetober November December	Totals	Totals	White Black Chinese Japanese	Totals

NAME   NAME	
78 7 77 71 90 9 1 57 371 1	
	_
w w 1233	_
24 - 1 1 - 3 1 2	_
11 1 22 2 2 1	
	—
- <del> </del>	_
2 g	—
	_
11:1:::::::::::::::::::::::::::::::::::	-
CAUSES OF DEATH	•

TABLE 10-Continued.

MORTALITY OF CHILDREN UNDER AGE OF 1 YEAR CLASSIFIED BY AGE PERIODS FOR CALENDAR YEAR.

	sdinoM 21.9	1	45
	sulface 6-9		47
	3-6 Months		65
	2-3 Months		32
	sdtnoM 2-1		47
	3 Weeks		21
Ages	5-3 Meeks	1 1	83
	1-2 Weeks	1 1 1	83
	S Days to I Week	1 1 1 2 2 1 1 2 2	31
	2.3 Days	1 2	=
	I-2 Days	14 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	88
	Under 1 Day	14 5 7 7 7 7 1 1 1 1	140
	Total Deaths Under 1 Year	gin &rcα∞αчнаданны gin	533
	Calendar Year 1915.	152a Other Diseases Early Infancy	Totals

### TABLE 11

### STATISTICAL REPORT OF SCHOOL HEALTH INSPECTION FOR THE FISCAL YEAR ENDED JUNE 30, 1916

The exclusions from school for communicable diseases (including "contacts'') were as follows: Chickenpox ..... Chorea ..... Diphtheria ..... 379 Measles .... Mumps ..... 1,139 Scarlet Fever 530 Tonsillitis (Acute) 59 Trachoma ..... 22 Whooping Cough ..... 391 Contacts (all) 3,267 The following figures show the results of defect notices issued during the year and those previously issued: Treated by operation ..... 657 Treated without operation..... 142 Vision corrected by glasses..... 221 Referred to clinics 199 Referred to societies ..... 7

TABLE 12

## ANNUAL REPORT, DIVISION OF FOOD INSPECTION.

### INSPECTIONS MADE.

				15	1915					1916	9		
	Tetal	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Bakeries. Butchershops. Candy Factories and Stores. Commission Houses. Commission Houses. Fruit Stores. Fruit Stores. Grocery Stores. Hotels and Restaurants. Markets Markets Peddler Wagons. R. R. Depots and Wharves. Warehouses. Miscellancous. Baffs. Baffs. Baffs.	177 4 770 150 150 150 4 73 285 286 286 286 287 289 289 775 775 775 775 775 775 775 775 775 77	14 24 44 27 21 21 21 22 23 33	15 17 7 7 7 18 18 16 5 5 18	6 195 11 11 11 11 11 12 6 6	86441.05.05.05.05.05.05.05.05.05.05.05.05.05.	17.9848888 r t	25 25 25 25 25 25 25 25 25 25 25 25 25 2	25.00 mm m	64 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	66 6 107 137 138 46 46 123 33 33 33 123	242 242 260 282 271 271 271 271 271 271 271 271 271 27	22 20 20 20 20 20 20 20 20 20 20 20 20 2	4 21 11 11 11 12 12 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15
Total,	4433	264	190	471	354	284	364	353	277	515	337	564	460

## CONDEMNATIONS AND SEIZURES.

Fruits—323 boxes, 2,890 lbs.
Vegetables and Cereals—4,053 sacks, 460 lbs., 9 packages, 143 boxes, 7 crates.
Canned and Bottled Goods, Dried Fruits—6,791 bottle, 8,461 cans, 1,233 lbs., 379 gals., 658 packages, 176 bbls.
Poultry and Game—46 bbls. fish, 12 hare, 7 geese, 4 chickens. Miscellaneous—150 enchilades, 40 lbs. butter.
Food and Drink Samples cellected for analysis, 667.
Nuisances abated by written notice, 243.

### RESTAURANT INSPECTION

	First Inspections— Restaurants Miscellaneaus Food Stores Complaints	1368
ted.		47
		1,83

0100010

TABLE 13
ANNUAL REPORT DIVISION DAIRY INSPECTION

				19	1915					1916			
	Totals	July	Aug.	Sept. Oct.	Oct.	Nov.   Dec.	Dec.	Jan.	Feb.	Mar. April	April	May	June
Inspections, *Dairlee Inspected in San Francisco County	139	6	41	9	æ	7	4	10	œ		\$5 \$	55	
*Daries Inspected in other countes *Dairy Depots**Miscellaneous Milk Venders	1237 1439 1439	25 25 25 25	96 175 • 150	13.6 19.0 19.0 19.0	257 191	2583 2583		96 25 26 26 26	2. E. S.	838	55 55 55 55 55 55 55 55 55 55 55 55 55 5	51884	12 F
Total	5021	444	432	633	555	523	474	509	997	333	300	282	270
Cows Condemned Under Quarantine Cows Condemned and Killed	162792 521 172	16 <u>6</u> 2 25	11803 43 10	17125 35 10	11500 32 7	13219 39 19	1523 88	12220 29 6	10703 37 13	12736 45 25	14102 65 53	14271 67 23	13 (65 37 9
Samples of Water Taken for Analysis.	1081	136	38 19	202 8	75	171	<u>a</u>	102	92	68	-16	59	

\* These inspections covered by two lay inspectors in the City, remainder of report shows work performed by Dairy Veterinarians in the field.

TABLE 14

ANNUAL REPORT, DIVISION OF MILK INSPECTION

				19.	1915					1916	9		
	Total	July	Aug.	Aug.   Sept.   Oct.	Oct.	Nov. Dec.	Dec.	Jan.	Feb.	Mar.	Jan.   Feb.   Mar.   April   May   June	May	June
Samples Taken From			-										
Milk Wagons.	429	7	88	38	53	37	10	107	29	8	34	19	18
Depot and Dairies	14 2329	221	56	164	133	198	314	118	86	130	365	237	325
Groceries. Delicatessen Stores. Hotels and Restaurants.	e 182	C1	9	103			-		24	5	41	-	ı
Bakeries Miscellaneous	-						-						
Total	2960	231	65	307	162	244	326	225	189	165	440	258	348
		_											

		-		TABLE 15.	٠.				
			MILK	MILK BELOW STANDARD	TANDAR	Ð			
						Below Standard.	tandard.		
					Solids		Solids		
D	Date	Ref.	Milk	Total	Not	Milk	Not	Added	Disposition
1915	ıa	Read	Fat	Solids	Fat	Fat	Fat	Substance	•
July	1	42.3	3.0	11.81	8.81	4.			
;	1	41.7	3.0	11.62	8.62	4.			
;	1	39.5	3.6	11.63	8.03			Water 10%	Arrest
Aug.	15	42.8	1.8	10.77	8.97	1.6			Warned
Sept.	3	39.3	3.7	11.80	8.10		.40	10% water	Arrested
•	8	42.0	3.5						Warned
:	13	37.2	3.3	10.30	7.10	0.3	1.40	20% water	Arrested
"	13	39.1	3.4	11.11	7.71		62.	10% water	Arrested
:	13	39.4	3.3	11.20	7.90	0.1	.60	10% water	Arrested
:	13	38.2	3,3	10.71	7.41	0.1	1.09	20% water	Arrested
;	13	38.0	3.4	10.87	7.47		1.03	20% water	Arrested
:	13	41.5	2.6	11.32	8.72	œ.			Arrested
:	13	39.1	3.5	11.24	7.74		.76	10% water	Arrested
:	13	38.0	3.4	10.83	7.43		1.07	20% water	Arrested
•	13	39.3	3.4	11.08	7.68		.82	10% water	Arrested
:	13	38.7	3,3	10.89	7.59	τ.	.91	15% water	Arrested
: :	13	39.7	3.4	11,73	8.33		.17	10% water	Arrested
:	13	42.5	2.7	11.94	9.24	7.			Arrested
;	13.	41.0	2.1	10.61	8.51	1.3			Arrested
:	13	39.5	3.5	11.66	8,46	0.3	1.0.		Warned
:	13.	41.0	3.1	11,19	8.09	0.3			Warned
	13	40.0	3.1	11.09	7.99	0.3	.51	10% water	Arrested
:	13	41.2	2.53	10.60	8.10	6.	.40		Arrested
: :	13	37.2	1.9	8.71	0.81	1.5	1.69	20% water	Arrested
=	13	41.1	2.1	11.79	60.6	.7			Arrested

TABLE 15-Continued.

Below Standard.

							7		
					Solids		Solids		
Ã	Date	Ref.	Milk	Total	Not	Milk	Not	Added	Disposition
i		Read	Fat	Solids	Fat	Fat	Fat	Substance	
13	1915								
Sept	Sept. 13.	41.7	1.6	10.49	8.89	1.8			Arrested
:	13	40.1	3.0	11.29	8.29	0.4	5.1	10% water	Arrested
:	13	40.0	63	11.76	8.56	0.3			Warned
:	23	42.0	3.0	11.99	8.99	₹.			Warned
;		40.3	2.7	11.60	8.90	۲.			Warned
Oct.	2	42.7	3.0	12.12	9.12	0,4			Warned
;	18	41.0	8.3	11.23	8.43	9.			Warned
;	18	42.4	3.1	12.02	8.93	ε,			Warned
;	18	40.8	3.0	11.55	8.55	0.4			Arrested
Nov.		42.0	8.2	11.21	8.41	9.			Warned
,,	۵.5	39.6	3.4	11.79	8.39	.11		10% water	Arrested
:		38.5	4.2	11,65	7.45	1.05		10% water	$\Lambda$ rrested
Dec.		8.68	3.8	11.50	7.70		.80	10% water	Arrested
;	2	39.7	3.4	11.39	7.99		.51	10% water	$\Lambda$ rrested
;	2	39.5	4.1	12.01	7.91		.59	10% water	Arrested
,	2	39.5	3.6	11.25	7.65		.85	10% water	$\Lambda$ rrested
;		42.4	5.6						Warned
:	6	42.0	2.5	11.76	9.26	6.			Warned
:	27	41.7	5.9	11.92	9.00	r.			Warned
;	28.	39.1	3.4	11.42	8.03	.48		10% water	Arrested
;	28	39.0	3,4	10.95	7.55		.95	10% water	$\Lambda$ rrested
:	28	35.2	8.5	9.68	6.88	9.	1.62	20% water	Arrested
1	1916								
Jan.	7	43.0	3.0	12.02	9.02	4.			Warned
•	18	42.3	3,1	12.12	9.03	ಬೆ			Warned
;	18		3.0	12.20	9.20	4.			Warned

3.1 37.0 3.2 3.2 3.2 3.2 3.6	3.5 3.5 9.5		11 01 11	11.05 10.22 11.84	7.95 7.02 8.24	1.48	.26	10% water 20% water 10% water	Arrested Arrested Arrested
19		3 3 5 5		10.63 $11.78$	7.33 8.28	1.	1.17	20% water 10% water	Arrested
43.0		2.7		11.72	9.02	7.			Warned
42.8		5.6		11.76	9.16	œ.			Warned
42.7		3.0		11.94	8.94	4.			Warned
43.3		2.1		11.12	9.05	1.3			Warned
42.5		3.0		11.70	8.70	0.4			Warned
42.2		3.0		11.68	8.68	4.			Warned
		3,3		11.13	7.83	0.1	.67	10% water	Arrested
		3.7		11.81	8.11		.39	10% water	Arrested
43.0		4.5		10.94	8.54	1.0			Warned
40.4		3.7		12.12	8.43		80.	Added water	Arrested
42.0		0.5		10.77	8.77	1.4			Warned
		3.8		11.96	8.16		.34		Arrested
39.3		3.5		11.69	8.19		.31	10% water	Arrested
		3.1		11.00	7.90	0.4	.60	Added water	Arrested
		3.1		11.50	8.40	0.3	.10	Added water	Arrested
		3.3		11.09	7.79	0.1	0.71	10% water	Arrested
39.1		63 63		11.05	7.85	0.3	0.65	10% water	Arrested
99.9		3.0		10.90	7.90	0.4	9.0	7% water	Arrested
8.9.3		3.2		11.12	7.92	0.3	0.58	7% water	Arrested
41.3		1.9		10.98	80.6	1.5			Warned
42.1		2.5		11.34	8.84	6.0			Warned
42.9		3. 21.		11.80	8.60	0.3			Warned
		3.5		11.42	8.55	0.3	0.28		Arrested
41.0		3.3				0.1			Arrested
		3.5		11.42	8.22	0.3	0.28		Arrested
11. 41.2 3.1		3.1		11.36	8.26	0.3	0.24		Arrested
1141.2 3.2	11.2 3.2	3.2		11.47	8.27	0.2	0.23		Arrested
41.3		3.1		11.37	8.27	0.3	0.23		Arrested
12. 42.2 2.7		2.7		11.57	8.87	0.7			Warned

TABLE 15-Continued.

			TABL	IABLE 13Continued	manua.				
						Below Standard.	tandard.		
					Solids		Solids		
Date		Ref.	Milk	Total	Not	Milk	Not	Added	Disposition
; 		Read	Fat	Solids	Fat	Fat	Fat	Substance	
19	1916								,
April 12.		42.5	3.1	12.64	9.54	0.3			Warned
.:		42.7	3.2	11.99	8.79	0.3			Warned
:	24	42.2	3.2	11.91	8.71	0.3			Warned
:		41.9	3.2	11.84	8.64	0.2			Warned
;		42.4	1.9	10.98	9.08	1.5			Warned
;		42.2	2.6	11.46	8.86	8.0			Warned
;		41.2	3.0	11.68	89.8	0.4			Warned
May		42.3	2.1	11,15	9.05	1.3		Skimmed	Arrested
`:		38.8	3.4	10.89	7.49		1.01	12% water	Arrested
;		41.8	3.2	12.04	8.84	0.3			Warned
:		42.5	3.1	12.04	8.94	0.3			Warned
;	6	41.9	3.2	11.95	8.75	0.3			Arrested
;,		37.8	3.3	10.70	7.40	0.1	1.1	12% water	Arrested
;		40.2	3,3	11.64	8.34	0.1	0.16	Added water	Arrested
;		41.5	2.5	10.73	8.53	1.2		Skimmed	Warned
,,		40.5	8.7	11.27	8.47	9.0	0.03		Warned
:		42.8	8.2	11.71	8.91	9.			Warned
;		42.7	2.9	11.32	8.42	ī.	80.		Warned
;	17	43.4	2.9	12.05	9.15	0.5			Warned
:	26	42.1	3.0	11.70	8.70	0.4			Warned
:	26	40.0	3.4	11.85	8.45		.05		Warned
;	26	41.9	3,1	11.17	8.07	0.3	.43		Warned
June		43.0	8.7	12.03	9.23	9.0			Warned
,,		40.3	3.2						Warned
;	8	41.5	3.2						Warned
;	13	42.6	2.9	12.03	9.13	0.5		Skimmed	Warned
=	13	41.5	3.2	12.22	9.03	0.2			Warned

•	13.	39.7	3.4	11.51	8.11	0.39		5% water	Arrested
:	13	40.6	3.3	11.54	8.24	0.1	0.26	Added water	Arrested
:	13	40.0	3.2	11.37	8.17	0.3	0.33	Added water	Arrested
:	14.	42.0	2.0	11.35	9.35	1.4		Skimmed	Arrested
:	14	41.6	2.9	11.43	8.53	0.5		Skimmed	Warned
	14	41.8	3.0	12.07	9.07	0.4		Skimmed	Warned
-	26	41.4	2.3	11.38	9.08	1.1		Skimmed	Arrested
:	26	39.0	3.3	11.39	8.09	۲.	.41	10% water	Arrested
:	26	39.4	3.6	11.86	8.26		.24	7% water	Arrested
:	26	39.7	3.5	11.29	7.79		.71	10% water	Arrested
:	26	40.1	3.3	11.62	8.32	Τ:	.18	5% water	Arrested
:	28	40.3	3.7	11.92	8.22		0.28	Added water	Warned
•	28	42.6	3.1	12.27	9.17	0.3			Warned
•	28.	39.0	3.7	12.04	8.34		0.16	Added water	Arrested
•	28.	40.5	3.8	12.09	8.29		0.21	Added water	Arrested
•	28.	41.2	3.1	11.64	8.54	0.3			Arrested
	28	41.8	3.1			0.3			Warned
	30	39.70	3.35	11.72	8.37	0.05	0.13		Arrested

### TABLE 15-Continued.

RESULTS OF ARRESTS AND PROSECUTIONS BY THE LABORATORY ORDINANCE 660 (Regulating the handling and sale of milk)

Date of Arrest	Date of Trial	
1916	1916	Disposition of Case
June 22	July 13	O. R. 30 days
June 11	July 16	\$25.00
June 14	July 16	\$25.00
June 14	July 16	\$50.00
Sept. 13	Sept. 23	\$25.00
Sept. 13	Sept. 23	\$25.00
Sept. 13	Sept. 23	\$25.00
Sept. 13	Sept. 23	\$10.00
Sept. 13	Sept. 23	\$25.00
Sept. 13	Sept. 23	Dismissed
Sept. 13	Oct. 1	O. R. 30 days
Sept. 13	Oct. 1	O. R. 30 days
Sept. 13	Oct. 1	\$25.00
Sept. 13	Oct. 6	\$10.00
Sept. 13	Oct. 6	\$10.00
Sept. 13	Oct. 6	\$10.00
Sept. 13	Oct. 1	\$10.00
Sept. 13	Oct. 6	\$10.00
Sept. 13	Oct. 1	\$10.00
Sept. 13	Nov. 11	\$25.00
Nov. 8	Dec. 8	O. R. 30 days
Nov. 8	Dec. 8	O. R. 30 days
Nov. 5	Dec. 10	O. R. 30 days
Nov. 5	Dec. 16	O. R. 30 days
Nov. 18	Dec. 16	O. R. 60 days O. R. 30 days
Dec. 2	Dec. 17	O. R. 30 days
Nov. 15	Dec. 17	O. R. 30 days
Dec. 2	Dec. 22 Dec. 22	\$25.00
Nov. 30	Dec. 22	Ψ20.00
	1916	
Nov. 15	Jan. 6	\$50.00
Dec. 2	Jan. 6	\$50.00
Dec. 27	Jan. 16	O. R. 30 days
Dec. 28	Jan. 21	\$25.00
Dec. 15	Jan. 26	Dismissed
Dec. 15	Jan. 26	Dismissed
Dec. 15	Jan. 26	Dismissed
1916		
Jan. 21	Feb. 11	\$50.00
Feb. 2	Feb. 25	\$25.00
Feb. 16	Mar. 14	\$25.00
Feb. 16	Mar. 14	\$25.00
Feb. 16	Mar. 14	\$25.00
Feb. 16	Mar. 20	\$10.00
Mar. 16	Mar. 23	O. R. 60 days
April 5	April 18	\$25.00
April 4	April 18	O. R. 60 days
April 4	April 18	O. R. 60 days

### TABLE 15-Continued

RESULTS OF ARRESTS AND PROSECUTIONS BY THE LABORATORY ORDINANCE 660 (Regulating the handling and sale of milk)—Continued

Date of Arrest	Date of Trial	
1916	1916	Disposition of Case
April 4	April 18	O. R. 60 days
April 8	April 18	Dismissed
April 8	April 18	Dismissed
April 8	April 18	Dismissed
April 11	April 29	Dismissed
April 11	April 29	Dismissed
April 11	April 29	Dismissed
April 11	April 29	Dismissed
April 11	April 29	Dismissed
April 11	April 29	Dismissed
Mar. 29	April 18	O. R.
April 8	April 18	\$10.00
May 8	May 24	\$10.00
April 5	May 23	O. R. 30 days
May 8	May 23	O. R.

Total fines assessed \$675.00. Average fine \$23.27.

O. R.—Released upon own recognizance.

TABLE 16
MILK BACTERIAL COUNTS—AUGUST, 1915.

	Nu	mber of Samples	Number of Samples
Bacteria	per c.c.	Shippers	Wagons-Stores
Under	10,000		
10,000 to	50,000		
50,000 to			
100,000 to	250,000		
250,000 to			
500,000 to	1,000,000		
Over	1,000,000		
		26	

Rating for the month, Levy method, 74%.

### MILK BACTERIAL COUNTS—SEPTEMBER.

		Number of Samples	Number of Samples
Bacte	ria per c.c.	Shippers	Wagons-Stores
$\mathbf{Under}$	10,000	3	
10,000	to 50,000	57	
50,000	to 100,000	28	
100,000	to 250,000	14	
250,000	to 500,000	11	
500,000	to 1,000,000	24	
	1,000,000		
		<del></del>	
		152	

Rating for the month, Levy method, 57%.

### TABLE 16-Continued

### MILK BACTERIAL COUNTS-OCTOBER.

		Number of Samples	Number of Samples
Bacteria	per c.c.	Shippers	Wagons—Stores
Under	10,000	1	
10,000 to	50,000	58	
50,000 to	100,000	28	
100,000 to	250,000	13	
250,000 to	500,000	8	
500,000 to	1,000,000	12	
Over	1,000,000		
	,		
		129	

Rating for the month, Levy method, 65%.

### MILK BACTERIAL COUNTS-NOVEMBER.

		Number of Samples	Number of Samples
Bacteria	per c.c.	Shippers	Wagons-Stores
Under	10,000	44	1
10,000 to	50,000	44	3
50,000 to	100,000	32	4
100,000 to	250,000	20	
250,000 to	500,000	8	
500,000 to	1,000,000	11	
Over	1,000,000	4	
		163	8

Rating for the month, Levy Method, 74%.

### MILK BACTERIAL COUNTS- DECEMBER.

	Number of Samples	Number of Samples
Bacteria per c.c.	Shippers	Wagons-Stores
Under 10,000	1	
10,000 to 50,000	172	3
50,000 to 100,000		2
100,000 to 250,000		3
250,000 to 500,000		2
500,000 to 1,000,000		
· · · · · · · · · · · · · · · · · · ·		
Over 1,000,000		
	305	10
	909	10

Rating for the month, Levy method, 74%.

### MILK BACTERIAL COUNTS-JANUARY, 1916.

		Number of Samples	Number of Samples Wagons-Stores
Bacteria	per c.c.	Shippers	Wagons-Stores
Under	10,000		
10 000 to	50,000	83	64
50,000 to			25
100,000 to			13
250,000 to	, -	-	. 4
	1,000,000		
Over	1,000,000		
•	,		
		116	106

Rating for the month, Levy method, 77%.

### TABLE 16-Continued

### MILK BACTERIAL COUNTS-FEBRUARY.

Number of Samples Number of Samples Bacteria per c.c. Shippers Wagons-Stores 10.000..... Under 10.000 to 50,000..... 32 50 50,000 to 100,000..... 19 17 12 100,000 to 250,000..... 16 500,000..... 2 250,000 to 500,000 to 1,000,000..... 8 4 2 1,000,000..... 99 67

Rating for the month, Levy method, 69.5%.

### MILK BACTERIAL COUNTS-MARCH.

Number of Samples Number of Samples Wagons-Stores Bacteria per c.c. Shippers 10,000..... Under 10,000 to 50.000..... 45 10 50,000 to 100.000..... 10 11 100,000 to 250.000..... 11 5 2 250,000 to 500,000..... 1 2 500,000 to 1,000,000..... 1,000,000..... Over 3 77 30

Rating for the month, Levy method, 70.6%.

### MILK BACTERIAL COUNTS-APRIL.

Number of Samples Number of Samples Wagons-Stores Bacteria per c.c. Shippers Under 10,000..... 10,000 to 50.000..... 162 23 50,000 to 100,000..... 65 11 100,000 to \* 250,000..... 41 1 22 2 250,000 to 500,000..... 500,000 to 1,000,000..... 49 12 1.000,000..... Over 3 342 52

Rating for the month, Levy method, 65.6%.

### MILK BACTERIAL COUNTS-MAY.

Number of Samples Number of Samples Wagons-Stores Bacteria per c.c. Shippers 10,000..... Under 1 10,000 to 50.000..... 105 9 50,000 to 100,000..... 56 7 100,000 to 250.000..... 17 3 250,000 to 500,000..... 10 500,000 to 1,000,000..... 15 Over 1,000,000..... 5 209 19

Rating for the month, Levy method, 71.5%.

TABLE 16-Continued

### MILK BACTERIAL COUNTS-JUNE.

		Number of Samples	Number of Samples
Bacteria	per c.c.	Shippers	Wagons—Stores
$\mathbf{Under}$	10,000	***************	
10,000 to	50,000	159	6
50,000 to	100,000	48	
100,000 to	250,000	36	5
250,000 to	500,000	19	6
500,000 to	1,000,000	23	
Over	1,000,000	6	
		—	
		291	17

Rating for the month, Levy method, 70%.

### BACTERIAL INDEX

The Bacterial Index of the milk supply of the City as determined by the Levy method recommended by the American Public Health Association was 69.9 per cent for the year 1915-16 as shown below:

		No. of Samples	Rating Figure	Product
Under	10,000	51	100	5,100
10,000 t	o 50,000	1,099	90	98,910
50,000 t	0 100,000	447	75	33,525
100,000 t	o 250,000	267	50	13,350
250,000 t	0 500,000	118	20	2,360
500,000 t	o 1,000,000	188	10	1,880
Over	1,000,000	48	0	0
		2,218		155,125

 $\frac{155,125}{2,218} = 69.9$  per cent.

### TABLE 17

### CHEMICAL LABORATORY.

### GENERAL SUMMARY OF ANALYSES MADE DURING THE FISCAL YEAR ENDED JUNE 30, 1916.

Allspice	3	Mace	. 1
Almonds	1	Manure	. 1
Apricots—dried	1	Marshmallow creme	. 1
Bacon	1	Mayonnaise	. 1
Barley	1	Meat	. 2
Beans	8	Meat—chopped	. 26
Beer	48	Meat—mince	. 3
Blanket	2	Meat—sausage	. 13
Boiler compound	1	Milk	.3,055
Boiler scale	2	Milk-condensed	. 6
Boiler water	1	Molasses	. 5
Bouillon	1	Mustard	. 1
Bread	2	Noodles	. 1
Butter	14	Olives	. 2
Capsules	1	Olive oil	. 8
Catsup	5	Peaches-dried	. 2
Chestnuts	1	Peas	. 1
Chili con carne	6	Pepper	
Chocolate	1	Pills	
Clams	1	Pineapple juice	
Cloves	1	Popeorn	
Coal tar color	2	Preservative	4
Coffee	2	Prunes—dried	
Cold cream	1	Raisins	
Corn	1	Raspberries	
Corn beef	1	Rice	
Crab	2	Rennet	
Crackers	1	Salad oil	
Cream	46	Salmon	
Dates	1	Salt petre	
Dish	1	Sauce	
Dye	1	Scrapple	
Eggs	2	Soap	
		Soda	
Figs	11	Soda waters	
Flour	1		
	40	Soup	
Frijoles	1	Spaghetti	
Fruit—dried	1	Sugar	
Gas	1	Tamale	
Gasoline	3	Tomatoes	
Groats	1	Tomato puree	
Gum	1	Toxicological	
Herbicide	1	Tuna	
Hominy	3	Uuknown substance	_
Ice cream	23	Urine	
Iceine	1	Vanilla extract	
Iodine	25	Vermicelli	
Jam	3	Walnuts	
Jelly	4	Water	
Lard	1	Wheat nuts	
Lemon juice	1	Wine	. 11
Lemon oil	1	-	
Liniment	1		3,926

SPRING VALLEY WATER CO.—CLARENDON HEIGHTS—FISCAL YEAR 1915-1916. TABLE 19

	REMARKS.	B. Coll present in 5cc B. Coll present in 10cc B. Coll present in 5cc B. Coll present in 10cc B. Coll present in 10cc B. Coll absent in 10cc
Bact	eria Per CC gar 370	100 80 B.B. 300 1120 B.B. 300 120 B.B. 30
Bact	eria Per CC Agar oom Temp	250 250 250 250 250 250 250 250 250 250
On	Ignition	M. W.
Oxy C	gen onsumed	
	Albuminoid Ammonia	25553 116 0871 0871 03185 1820 11481 12145 1235 1235 1235 1235
en as	Free Am- monia	.2420 .068 .0741 .0741 .0741 .0741 .0455 .0488 .0488 .0488 .0488 .0488 .0488
Nitrogen	Nitrates	. 200 . 600 . 800 . 800 . 800 . 900 . 900 . 600 . Trace Trace
	Nitrites	. 0003 Trace . 003 . 001 . 000 . 0005 Trace . 0005 Irace . 0005 . None None
Chl	orine	286899999999999999999999999999999999999
Fixe	d Residue	20020000000000000000000000000000000000
Loss	s Ignition	874848487674784888888888888888888888888
Total Solids		78000000000000000000000000000000000000
Cole	or	Glear Glear Glear Glear Glear Glear Turbid Turbid Turbid Turbid Turbid
Dat	e Received	7-14-15 7-29-15 (Clear - 9-29-15 (Clear - 9-29-15 (Clear - 10-25-15 (Clear - 11-24-15 (Clear - 11-24-15 (Clear - 11-4-16 (Cle

SPRING VALLEY WATER CO.—CLAY ST. TANK—FISCAL YEAR 1915-1916.

1	
	200  60 B. Coli absent in 10cc 50  29 B. Coli present in 10cc 2400  600 B. Coli present in 1cc 5000 1200 B. Coli present in 1cc 300  50 B. Coli absent in 10cc
	2 BI. 1 BI. 1 N. B. 1.0 N. B.
	81111 0.
	.1144 .060 .0429 .0663
	.0598 .0032 .0026 .0117
	.130 .600 None .600
	22 Trace
	216 383 151 257 270
-	000770
1111	252 420 208 286 309
-	
	7-14-15 7-29-15 Clear 8-25-15 Clear 9-29-15 Clear 10-25-15 Clear
	100897

10 B. Coli absent in 10ce 60 B. Coli present in 10ce 60 B. Coli present in 5ce 50 B. Coli absent in 10cc 30 B. Coli absent in 10cc 16 B. Coli absent in 10cc 16 B. Coli present in 10cc 20 B. Coli present in 10cc 20 B. Coli present in 10cc 25 B. Coli present in 10cc 25 B. Coli absent in 10cc 30 B. Coli absent in 10cc
000 000 000 000 000 000 000 000 000 00
N. B.
.0676 .0663 .1430 .10715 .1079 .1886 .0884
.0273 .0590 .1053 .0521 .0321 .0442 .0142
.700 .600 .700 .700 .700 .700 Trace
. 002 . 0005 Trace None Trace Trace Trace
0000000000 000000000
2683 1939 1757 1162 1186 1186 1185 1189
2447 666 666 666 666 666 666 666 666 666
22 23 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25
1-24-15 Clear 2-22-15 Clear 2-14-16 Turbid 2-25-16 Clear 2-25-16 Clear 2-25-16 Clear 5-24-16 Clear 5-35-16 Clear 5-35-16 Clear
11.24-15 12-22-15 1-14-16 2-28-16 3-14-16 3-28-16 3-28-16 5-4-16 5-4-16 5-25-16 6-5-16

SPRING VALLEY WATER CO.—COLLEGE HILL—FISCAL YEAR 1915-1916.

	$_{ m 1}$ $_{ m 10cc}$	in 10cc	in 10ce		in 10cc			in 10ec		1 10cc			in 10ec	in 10ce	1 10cc	1 10ce	n 10cc
	bsent in			absent in	sent			present	sent	ent in	sent in	sent		present	bsent in	bsent in	ent in
	æ	_	-				***	_	_							ಇ	i abs
i	_	_	_	-	_	•	_	Col:	-	_	_	-	_	_	_	•	•
_	20 B.	00 B.	75 B.	00 B.	20 B.	80 B.	20 B.	80 B.	68 B.	20B	50 B.	24 B.	14 B.	50 B.	40 B.	20 B.	00 B.
	_	-17		_	_	_			_								
	30	100	64	25	24	4	en	30	80	100	12	នី	C.1	16	_	_	- C1
	131.	B.	31.	B.	B1.	ij	31.	ei E	z. Si	<u>B</u>	BI.	BI:	m.	.e			Э.
	က	C3	-1	အ	C.1	<b>c</b> 3	ಣ	ಣ	\$1	-	_	-	_	æ			ಣ
	.1596	. 132	.1235	.1586	.1651	.1885	1495	9080	.1066	.0442	.1130	.1716	.1480	.3252			.1266
	.03436	800.	.0013	.0104	.0702	.0117	.013	.0455	.0585	.0182	0630	6800.	0440	.0611			.0053
	Trace	None	Trace	None	None	None	None	200	1.28	Trace	Trace	Trace	Trace	Trace			Trace
	None	Trace	None	.002	Trace	.001	.0005	Trace	Trace	Trace	Trace	Trace	Trace	None			Trace
	26	27	53	26	56	26	25	23	21	32	51 52	21	22	23	_		23 53
	168	109	96	154	119	120	130	149	179	200	208	202	190	13	_	_	106
	36	36	20	36	20	14	18	52	48	25	25	20	28	33	_		43
-	204	145	146	190	139	134	148	201	227	231	233	225	218	146	_		149
														turbid			yellowish
		rbid	ear	rbid	ear	ear	rrbid	Turbid	rbid		rbid	Turbid	rbid	ightly	rbid		nrbid
_	25	5 Tu	2 2	5 Tu	12 CI	5 CI	(5)Tu	6 (Tu	) Tu	9	6-Tu	6 Tu	6 (Tu	<u>s</u>	6 (Tu	-	旦_
	7-14-1	7-28-1	8-28-1	9.27 - 1	10-29-1	11-23-1	12-22.1	1-14-16	2-7-16	2 - 23 - 1	3-13-1	3-27-1	4.17-1	5-3-10	5-25-1	6-5-16	6-19-16

SPRING VALLEY WATER COMPANY-FRANCISCO STREET RESERVOIR-FISCAL YEAR 1915-1916. TABLE 19-Continued

	Eria Per CC gar 370eria Per CC	100 B. Coli present in 1cc   100 B. Coli present in 5cc   100 B. Coli present in 1cc   100 B. Coli present in 10cc   100 200 B. Coli present in 10cc   100 200 B. Coli present in 10cc   100 100 B. Coli present in 10cc   100 100 B. Coli present in 10cc   100 100 B. Coli present in 10cc   100 150 B. Coli absent in 10cc   11 B. Coli absent in 10cc   12 Coli absent in 10cc   13 B. Coli absent in 10cc   14 B. Coli absent in 10cc   15 Coli absent in 10cc
R	Agar oom Temp	Harmon Market Ma
Oxy	gen Con-	SERVICE SERVIC
Su	Albuminoid Ammonia	.1675 .1586 .1456 .1456 .182 .0975 .0975 .1223 .1223 .1223 .1223 .1223 .1223 .1223 .1223 .1223 .1223 .1233 .1233
en as	Free Am- monia	0.0036 0.0036 0.0013 0.00364 0.00312 0.00312 0.00312 0.00312 0.00312 0.00312 0.00312
Nitrogen	Nitrates	Trace 700 700 500 500 500 600 600 111.300 Trace Trace Trace
	Nitrites	Trace . 001 . 001 . 001 . 001 . 0005 None Irace Trace Trace
Chlo	rine	######################################
Fixe	ed Residue	22000000000000000000000000000000000000
Loss	s Ignition	77476466674666666666666666666666666666
Tota	al Solids	0101028888800100000 01010000000000000000
Colo	)r	Clear Clear Clear Clear Clear Clear Clear Turbid Turbid Clear Clear Turbid
Date	e Received	7.14-15 7.29-15 8-25-15 10-25-15 10-25-15 11-24-15 11-24-15 11-24-16 11-25-16 3-14-16 3-14-16 3-14-16 3-14-16 6-7-16 6-7-16

SPRING VALLEY WATER CO.—LOMBARD ST. RESERVOIR—FISCAL YEAR 1915-1916.

	10ce 5ce 1ce 5ce 5ce
	EEEEE
	present in present in present in present in present in
	11 12 12 12 12 12 12 12 12 12 12 12 12 1
	C C C C C C C C C C C C C C C C C C C
	110 B. 400 B. 200 B. 2400 B. 600 B.
	BI. 300 110 B. BI. 360 400 B. BI. 360 200 B. BI. 11500 2400 B. B. S. 1000 600 B.
	B1. B1. B1. B1. B2.
	ପଇବ୍ୟପ
MINIO WILLIAM OC. HOLLESS ST. MANAGEMENT OF THE ST. MANAGEMENT OF	.0878 .108 .1365 .1495
	.0106 .056 .0143 .0321
	Trace Trace None Trace None
	32 Trace Tra 32 Trace Tra 36 .002 No 37 Trace Tra 35 .001 No
	88888
	147 153 225 166 184
	30 30 36 36
147	195 183 202 204
OI TATTA	
	Clear Clear Clear
	7-14-15 7-29-15 8-25-15 Clear 9-29-15 Clear 10-25-15 Clear

10
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11.24.1 12.22.1 1.14.1 2.8.16 2.25.1 3.14.1 3.28.10 5.4.16 6.7.16 6.20.10

SPRING VALLEY WATER CO.—POTRERO HEIGHTS—FISCAL YEAR 1915-1916.

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7-14-15	7-28-15	-25-15	-27 - 15	0-25-15	500	-55	1-14-16	2-7-16	33-1	5	3-27-16	7-1	5 5-16	55.1	6-5-16	19.1
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SPRING VALLEY WATER CO.—PRESIDIO HEIGHTS—FISCAL YEAR 1915-1916. TABLE 19-Continued

		1
	REMARKS.	60 B. Goli present in 5cc 600 B. Coli present in 5cc 600 B. Coli absent in 10cc 80 B. Coli absent in 10cc 60 B. Coli absent in 10cc 60 B. Coli absent in 10cc 60 B. Coli present in 10cc 50 B. Coli present in 10cc 50 B. Coli present in 10cc 20 B. Coli absent in 10cc 20 B. Coli absent in 10cc 20 B. Coli absent in 10cc 40 B. Coli absent in 10cc 20 B. Coli ab
Bact	eria Per CC ar 370	
Bact	eria Per CC Agar om Temp	25 125 57000 57000 57000 5000 5000 5000 7
	gnition	E
Oxyg	gen Con- ned	875
	Albuminoid Ammonia	0.0798 0.060 0.0598 0.0975 0.0676 0.0676 0.0637 0.0637 0.0637 0.0637 0.0637
n as		.00080 .010 .0312 .0312 .0455 .0260 .0109 .0117 .0117
Nitrogen	Nitrates	.180 .500 .600 .700 .700 .600 .17ace Trace Trace
	Nitrites	Trace Trace Trace Trace O001 .0005 Trace .0005 Trace .0003 Trace .0001 None .001
Chlo	rine	00000000000000000000000000000000000000
Fixe	ed Residue	22222222222222222222222222222222222222
Los	s Ignition	44644444404004 800001010010101
Tota	al Solids	22222222222222222222222222222222222222
Cole	or	Clear Clear Clear Clear Clear Clear Turbid Turbid Clear Clear
Dat	e Received	115 115 115 115 116 116 116 116 116 116

UNIVERSITY MOUND RESERVOIR—FISCAL YEAR 1915-1916.

i	
	Coli absent in 10cc Coli present in 10cc Coli absent in 10cc Coli absent in 10cc Coli present in 10cc
	Coli abse Coli pres Coli abse Coli abse Coli pres
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	.0004 .014 Trace .004 Trace
111	422 <b>21212</b> 422 <b>8</b> 22 <b>4</b>
N EPE	250 254 281 283 233
	31 35 34 34
	281 300 316 299 267
	id
	Turbid Clear Turbid Clear
	7-14-15 7-28-15 Turbid 8-28-15 Clear 9-27-15 Turbid 10-28-15 Clear

20]B. Coli absent in 16cc 50]B. Coli present in 1 cc 50]B. Coli present in 1 cc 12]B. Coli present in 10cc 10]B. Coli present in 10cc 50]B. Coli absent in 10cc 75]B. Coli present in 10cc 75]B. Coli present in 10cc 600]B. Coli present in 10cc
160 1000 3000 3000 4000 772 600 1000
B. S. B. S. B. S. B.
02299 0.09699 1.1781 1.1007 0.0780 0.0780 0.1131 1.133
.0377 .0169 .0494 .0508 .05013 .00564 .0050
. 700 . 300 . 400 . 700 . 700 . Trace Trace Trace 1. 100
.0005 .0005 Trace None Trace Trace .001 Trace
28222222 28222222 28222222 28222222 28222222
286 244 244 244 244 244 244 244 244 244 24
5 + + 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2000 2000 2000 2000 2000 2000 2000 200
11-23-15 Clear 19-22-15 Turbid 1-14-16 Turbid 2-24-16 Cubor bad 3-27-16 Turbid 3-3-13-16 Turbid 4-17-16 Clear 4-17-16 Clear 5-25-16 Turbid 5-25-16 Clear 6-5-25-16 Clear 6-5-216 Clear 6-5-216 Clear

SPRING VALLEY WATER CO.—LAKE HONDA—PISCAL YEAR 1915-1916.

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0ec	10e	10ec	000	100	0cc	5ee	1cc	5ec	10ce	10ee	oee 1	10cc	1ee	1ee	10ce	10ce
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apse	pre	apse	apse	pre	apse	pre	pre	pres	a Ps	absent	absent	aps	pre	pre	aps	abs
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2	2	20.	-27	9-97	1.23	2.22	4	30	-23	133	-27	1-17	60	50.0	5-2	21
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SPRING VALLEY WATER CO.—NORTH LAKE MERCED—FISCAL YEAR 1915-1916. TABLE 19-Continued

	absent	Coli absent in 1	Coli absent in	Coli absent in 1	Coli present in	Coli present in	Coli absent in 1	Coli absent in 1	Coli absent in	Coli absent in 1	Coli absent in 1	Coli present in	Coli present in	Coli absent in 1	Coli absent in 1	•		
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On Ignition			Bl.	Bl.	Bl.	BI.		Bl.	BI.	BI.	Bl.	BI.	B.	В.	i		ei ei	
Oxyg	ಣ	7	īC	₹	හ	ಣ	4	4	ಣ	4	4	7	4			70		
	Albuminoid Ammonia	.215	212	*	2470	.351	.5174	.4615	.4680	.3471	.4511	.4485	.3080	.3640			.3400	
en as	Free Am-	.050	.052	*	0200	.0273	.1313	.0104	1066	.0235	0.234	0234	.1586	1105			.0253	
Nitrogen	Nitrates	None	None	None	None	Trace	None	None	None	Trace	None	None	None	Trace	7,007		Trace	
	Nitrites	Trace	.0005	None	Trace	004	Trace	None	.0005	Trace	None	001	001	001	100.		None	
Chlo	rine	67	70	20	99	89	95	65	63	67	000	909	20	100	-		64	
Fixe	d Residue	8	221	5.	606	954		252	000	914	010	930	500	000	1		218 64	
Loss	s Ignition	-60	.00	C.	25	4	1	52	000	0 00	4	, F	100	7	7		102	
Tota	l Solids	975	27.5	573	996	200		304	896	200	100	0 0	964	1 0 0	±0.7		288	
Color			Clear	Turbid	Turbid		Turbid vellow	Turbid	Turbid	Turbid nollow	Vollemish	Vellemish	Closs	Great	Turbia		Turbid, yellow	
Dat	e Received	7.17.1	7.98.15	000	0.97.15	10.95.15	11 00 15	19.99.15	17.16	01.41.1	OT-#7-7	01.00	97.67	07.77.4	5-3-TO	01.65.6	6-19-16	

\* Insufficient sample for est. ammonia.

SPRING VALLEY WATER CO.—SOUTH LAKE MERCED—FISCAL YEAR 1915-1916.

0ec 10ec 0ec 1ec 10ec
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i absent in 10cc i present in 10cc i absent in 10cc i present in 1cc
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500 600 2500 360 1000
BBI. BBI.
01∞1-∞4
.182 .198 .2145 .2548
.0321 .040 .0468 .078
None None Trace Trace
Trace None None
63 71 62 62
209 207 207 216 192 243
4 4 6 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
255 256 271 293
Clear Clear Clear Clear Clear 5 Turbid
7-15-15   Clear 7-28-15   Clear 8-28-15   Clear 9-27-15   Clear 10-25-15   Clear 10-25-15

present in 5cc present in 1cc present in 5cc absent in 10cc absent in 10cc absent in 10cc absent in 10cc absent in 10cc absent in 10cc absent in 10cc	000 000
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7947-927E	ij
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25 25 25 25 25 25 25 25 25 25 25 25 25 2	6-7-16
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MUNICIPAL WATER WELL (OR TANK)—FISCAL YEAR 1915-1916.

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15	5 5	-15	11-23-15 Clear	<u> </u>	2 2	16	9	9	9	9	9	2	1.16	,
7-15-15	8-28-15	0-27	1-23	; <del>-</del>	3.5	50.5	3-15-16	-29	61-1	5.4.	25	6.7	6-21-16	
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TABLE 19—Continued MUNICIPAL WATER RESERVOIR—FISCAL YEAR 1915-1916.

	1	1
Bact	SHARWER SHARWE	150 B. Coli absent in 10cc
	teria Per CC Agar	360 5000 5000 5000 1000 1000 2000 2000 120 180
R	oom Temp	ភ្ <sup>ញុ</sup> ញស្ញុយ្យុយ្យុយ្យូញ .
On	Ignition	ENERGE ENERGE ENERGE
Oxy	gen Con-	10 111111111111111111111111111111111111
	Albuminoid Ammonia	0156 0429 0429 0507 0507 0508 07680 07680 07680 07680 07680 07680 07680 07680 07680 07680 07680 07680 07680 07680 07680 07680
se u as	Free Am- monia	0000 0.0000 0.000
Nitrogen	Nitrates	6.00 6.800 6.800 6.805 6.35 6.35 6.35 6.30 6.35 6.30 6.30 6.30 6.30 6.30 6.30 6.30 6.30
	Nitrites	.001 None .001 .001 .001 .005 .005 .003
Chl	orine	4444444444
Fixe	ed Residue	2020 2020 2020 2020 2020 2020 2020 202
Los	s Ignition	8000801-88008401- 010484000001-1-
Tota	al Solids	42000000000000000000000000000000000000
Color		Turbid Clear
Dat	e Received	7-16-15 8-28-15 9-28-15 10-29-15 11-22-15 1-14-15 1

PARK LODGE—FISCAL YEAR 1915-1916.

1	
	50 B. Coli absent in 10cc 50 B. Coli present in 10cc 48 B. Coli absent in 10cc 120 B. Coli present in 10cc 50 B. Coli present in 5cc 360 B. Coli present in 5cc
	130 600 40 300 1200 20
	BI. SI. BI. SI. N. B. N. B.
	н-он-о
	.0754 .090 .065 .1131 .0481
	.0208 .032 .0091 .0300 .0365
	9.900 9.52 14.500 8.900 9.00
	.002 .004 Trace .004 Trace
	45 47 87 52 50
	259 45 265 47 150 37 284 48 297 52 344 50
	152 147 35 116 110
	4112 412 185 400 407 435
	Clear Clear Clear Clear Clear Clear
	7-16-15   Clear 7-29-15   Clear 8-26-15   Clear 9-29-15   Clear 10-27-15   Clear 11-22-15   Clear

Coli	0 B. Coli absent in 10cc 2 B. Coli absent in 10cc	Co:	35	Coli	Col:	Coli	Coli
130	1000			_	4000	100	1000
z z	в Б	z:	zi≃	N			
		<b>,</b>		-			
.0962	. 0936	0818	0573	.0511			
	.0360						
9.200	$\frac{12.500}{14.400}$	11.600	13.100	16.1	-		
Trace	Truce .001	None	100.	None			
306 49.5	288 47 Truce 12,500 310 33 .001 14,400	302 49	300 48	303 48	_	_	
154	139	170	0 10	2	_		
433	454	473	200	381			
12.23-15 Turbid 1-14-16 Clear	2-7-16 Clear, fair	3-14-16 Turbid	3-28-16 Turbid	5-3-16 Clear	5-23-16	6-6-16	6-20-16

POUNTAIN, CHIEDREN'S PLAYGROUND—PISCAL YEAR 1915-1916.

10cc	: 0	oce.	0ce	0cc	Occ	10cc	10ec	10ec	Occ	0cc	990	0ec	5.50	066	0cc	occ.	
.E.			_ .5	Ξ.	1.	Ξ	present in	Ξ.	ı. E	ı.	E	_ .=	Ξ.	in	ii.	.E	
		bsent	bsent	nt	Sut	sent	sent	sent	ant	ant	ent	absent	art	bsent	bsent	ent	
abse	aps	# CS	a Signal Signal	aps	abs	pre	pre	pre	aps	aps	a js	abs	absent	aps	abs	abs	
:100	Coli	Coli	Coli	Coli	Coli	Go Ei	Coli	Coli	Coli	Coli	Çol:	Coli	:To:	Coli	Coli	Coli	
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1-91	1-00	1-97	1-67	-39-1	-22-	-22-1	13-1	-7-10	24-1	14-1	29.1	18:1	-3-1(	23-1	91-9-	20 - 1	
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TABLE 19—Continued STADIUM—FISCAL YEAR 1915-1916.

	REMARKS.	40 B. Coli absent in 10cc 220 B. Coli absent in 5cc 220 B. Coli absent in 10cc 300 B. Coli absent in 10cc 10 B. Coli absent in 10cc 10 B. Coli absent in 10cc 10 B. Coli absent in 10cc 40 B. Coli absent in 10cc 40 B. Coli absent in 10cc 30 B. Coli absent in 10cc 40 B. Coli absent in 10cc 40 B. Coli absent in 10cc 40 B. Coli absent in 10cc 10 B. Coli absent in 10cc 30 B. Coli absen
Bact A	eria Per CC gar 370	1 2
	eria Per CC Agar oom Temp	2000 2000 3000 3000 3000 2000 2000 2000
	Ignition	E E E E E E E E E E E E E E E E E E E
Oxy	gen Con- med	48541499999999999
	Albuminoid Ammonia	2262 2260 2560 2546 1586 10988 1196 1186 1182 1182 1182 1183 1183 1183 1183 1183
en as	Free Am- monia	.0546 .0468 .0988 .0988 .01001 .1001 .1300 .2200 .2300 .3380 .559
Nitrogen	Nitrates	1.200 1.200 1.05 1.100 None Trace None None Trace Trace
	Nitrites	. 006 17tace . 264 . 140 . 140 . 0005 Prace None . 002 . 002 . 002 . 002 . 002
Chlorine		8433820085555 84338250085555
Fixed Residue		8884 8884 8884 8884 8884 8884 8884 888
Loss Ignition		955 833 1000 800 1001 1120 1120 866 645 645 866 866 866
Total Solids		44444888888888888888888888888888888888
Col	or	Turbid Clear Clear Clear Clear Clear Turbid Clear Turbid Clear Cle
Dat	e Received	7.15-15 7.29-15 8-26-15 10-29-15 11-22-

DITATE STATION-FISCAL YEAR 1915-1916.

	5000 2400 B. Coli present in 5cc 400 240 B. Coli present in 1cc 100 100 B. Coli present in 1cc 1200 100 B. Coli present in 10cc 350 300 B. Coli absent in 10cc
	Colina
	2400 B. 240 B. 100 B. 300 B.
	5000 400 100 1200 350
,	N. B. N. B. N. B.
	ZEZZZ
0101	
FUMF SIATION—FISCALI LEAN 1919.	.0702 .012 .0351 .0845
LECAL	.010 11.460 .0026 .004 .090 .0117 .008 9.700 .052 Trace 12.00 .0325
	9.900 11.460 090 9.700 12.00
F OIA	.010 .004 .008 Trace
W O J	291 50 241 49 353 55 298 49 312 49
	165 161 97 91 131
	4450 4450 4450
	7-16-15 Turbid 456 165 291 50 7-29-15 Clear 450 97 353 55 9-29-15 Clear 389 91 298 49 10-29-15 Clear 443 131 312 49

127 349 499	-	t	t	1010	-	000	1001		1000	,	, 2	-	•				
170   336 56   Trace   10.7   .0416   .1001   1   B. S.   .5000   .700   B. Coli   .1001   1   B. S.   .5000   .20   B. Coli   .1001		467	1 F	3484	 	.002 Trace	10.400	03390	.0521		żz					t in 16	ಲ ೮
197 359 50		506	170	3365	9	Trace	10.7	.0416	1001	-	: :::	500	_	_		t in 1e	0 0
181 32047 .001 13:900 .0169 .1534 1 181.81 256 6018 .Coli 180 29148 .005 10.700 .0039 .1435 1 1 N. B. 1000 .180B. Coli 180 31647 .003 11.900 .0221 .1014 1 N. B. 2000 .300 B. Coli 189 307 51 Trace 11:900 .0213 .0626 1 N. B. 148 100 B. Coli 189 307 51 Trace 12:900 .0143 .1235 1 N. B. 30  12B .Coli 180 B. Coli 180 B. Co		466	107	359[5	 0	010.	14.500	.0364	.091	1.		_		_	li presen	t in 10	e G
180 29148 . 0.05 10.700 . 0.029 . 1.130 . 1 N. B. 1000 180 B. Coli 1.131 . 1.000 . 0.23 . 1.000 . 0.231 . 1.014 . 1 N. B. 2000 . 2.03 . 1.000 . 0.231 . 0.02 . 1.135 . 0.02 . 1.138 . 1.138 . 1.00 . 0.031 . 0.02 . 1.35 . 0.02 . 1.135 . 0.02 . 1.135 . 0.02 . 1.135 . 0.03		501	181	3204	_	.00	13.900	6910.	.1534	-		_			li absent	in 10c	20
77 31647 7.003 11.900 .0221 .1014 1 N. B. 2006 300 B. Coli 139 307 51 Trace 12.900 .0143 .1235 1 N. B. 148 100 B. Coli 139 307 51 Trace 12.900 .0143 .1235 1 N. B. 148 100 B. Coli 150 B. Coli 250 B.		471	180	2914	œ	.005	10.700	0039	.1430	_		_	_		li absent	in 10c	9
98 29447 Trace 11,900 .0213 .0256 1 N. B. 148 100 B. Coli 139 307 51 Trace 12,900 .0143 .1235 1 N. B. * 30 181 B. Coli 181 B. Coli 201 B. Coli 201 B. Coli 201 B. Coli 201 B. Coli 30 1		393	1.	3164	<u>-</u>	.003	11.900	. 0 32 1	101.	_			77	_	li absent	in 10c	9
139   307 51   Trace   12,900   .0143   .1235   1   N. B.		392	86	294	_	Trace	11.900	.0213	.0626	_		_	П	-	li presen	t in 10	33
180 B. Coli 20 B. Coli 50 B. Coli	_	9 14	139	3075	_	Trace	12,900	.0143	.1235	1		_			li absent	in 10	9
20 B. Coli	_				_				_			*	180	_	i absent	in 10c	9
50 B. Coli	_								_					_	li absent	in 10c	9
				_										$\overline{}$	li absent	in 10	.c
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		1.01	2		-3	3.00	100	0195		-	Ξ		0000110	2	i i	1.1	
494 1429 909 68 094 9 400 0195 839 1 RI SECOND FORM OF COLI WARROUT IN 180		1	1		5		005.1		1	_	=		22277	3	11.00.11	24 411 9	٠

2	16	present in 1cc	166	10cc	10ce	10cc	10cc	10ec	10cc	10cc	10ec	10cc	10ec	10ce	10cc	10cc	
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9	7	S.	present	Ser	Se	Se	absent	Ser	Ser	Sel	Sel	SC	Sec	Ser	Sel	. Sec.	
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l t		x	c.	$\preceq$	Ξ		_	- 4	CJ	33	200	4	•	10	_	<b>9</b>	

TABLE 19—Continued MURPHY'S WINDMILL—FISCAL YEAR 1915-1916.

																			1
	REMARKS.	Coli absent in	Coli absent in	Coli absent in	Coli absent in	Coli absent in	Coli absent in	Coli absent in	Coli absent in	Coli absent in	Coli absent in	Coli present in	Coli absent in	Coli present in	Coli absent in	Coli absent in	20 B. Coli absent in 10cc	Coli absent in	
Baci	teria Per CC gar 370	44	20	50	100	80	2000	70	28	7	œ	ខ្ល	50	4	100	9	2	22	
	teria Per CC Agar oom Temp	50	40	250	1500	150	100001	200	20	12	20	70	300	28	200	120	80	20	
On	Ignition	Bl.	BI.	B].	B.	E E	B.	BI.	В.	Bl.	BI.	EJ.	B.	m.	щ				
Oxyg	en Con- med		10	4	4	ec	C3	83	ಣ	ಣ	ಣ	es	4	3.0	C.3				
	Albuminoid Ammonia	.091	.118	1880.	.2405	.1469	.1105	.1300	.1079	.2366	081.	.1956	. 2275	.1573	0481			_	
n as	Free Am- monia	0429	.062	1600.	.0468	8200.	.0260	.0351	.0754	1269	.1820	.4030	.052	.0693	.0286				
Nitrogen	Nitrates	1.700	.770	.560	900	1.700	.400	$_{ m Trace}$	Trace	Trace	Trace	1.400	Trace	Trace	1.100				
	Nitrites	.001	.004	010.	.014	None	.002	Trace	Trace	Trace	.002		.002	0010	.001				
Chlo	rine	78	7.5	86	82	88	00	59	52	46	44	85	80	00 C1	80				
Fixe	d Residue	361	397	100	403	435	405	234	230	223	210	426	397	415	322		_		
Loss	s Ignition	101	84	06	80	89	97	7.7	90	51	50	2.0	000	67	98				
Tota	l Solids	462	481	190	483	524	502	311	320	274	260	502	480	482	408				
Colo	)r			Yellowish	Clear	Turbid	Clear			Turbid				Clear	Clear				
Dat	e Received	7-15-15	7.29.15	8-26-15  Yellow	9-29-15	10-29-15	11-22-15	12.22.15	1-13-16	2-8-16	2-23-16	3-13-16	3-28-16	4-18-16	5-4-16	5.23.16	6-5-16	$6.20 \cdot 16$	_

TABLE 20

# ANNUAL REPORT-DIVISION MARKET INSPECTION

### INSPECTIONS

	3			19	1915					19	1916		
	rotai	July	Aug.	Sept.	Oet	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Abattoirs	4.401	368	361	371	503	-198	377	28.5	335	410	380	609	352
N. arkets	9409	738	493	ž	624	556	876	1068	1144	543	725	35	396
Wharves	5435	510	977	452	521	687	411	359	67.7	513	476	439	470
Railroad Depots	611	g.	X.	55	9	÷	33	47	50	90	50	50	3
Commission Houses	1913	128	130	111	107	202	<u>=</u>	141	<u>x</u>	165	141	131	175
Chinatown	1557	140	165	135	150	105	100	12	105	110	130	90	165
Total	23356	1926	1623	1965	1771	1702	2200	2145	2208	1926	1895	1796	2199
Fish (Ibs.)	8335000	930000	775000	000096	950000	670000	526000	353000	509000	100000	206000	585000	965000
Beeves	78360	5931	7648	6962	6923	7130	6718	6151	6315	6507	5928	5598	6519
Calves	68628	3552	4278	1.196	5138	5750	5312	5000	6112	9789	5618	5431	5034
sacil	141607	11445	<del>-</del> 25	12136	11873	13732	15194	11595	10.110	10402	10151	11.456	10339
Sheep	141766	10756	10956	1566	11509	14558	11866	128.19	11729	14779	9919	12086	10775
Lambs	395788	31685	37785	40587	38951	831-4	56689	30692	28823	5555	32659	34816	30666
Poultry	3940906	205350	310270	372000	2×1550	749001	441601	203800	239850	197950	252.175	273821	419325
Total Total 1198719 1158781 1411283 1306214 1493315 1033380	3108145	1198719	1158781	1411283	1306214	1493315	1033380	623690	812269	671785	1022410	928211	14:17988

TABLE 20-Continued.

CONDEMNATIONS AND SEIZURES

				1915	5					1916	9		
	Total	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June
1 1	100000			10450	19975	19361		5775			11185		23155
FISH (108.) Boof (1bs.)	71864	5083	_	0.640	3781	15455	3180	£	2255	2008	4507	11009	5136
, Se	4463			31	G.	က	11	£ 8		g 8	#3		312
Sheep	910			ž	167	င္တင္	85	38.0		900	4 c		- · · ·
Lambs	_			9	. Ç	45	106	165		188	65		88
Beef Heads				98	5	잃	37	50		33	37		7.
Calves Heads			<del>2</del> 5	ê	000	- 9	1	163	353	270	998	269	535
Heads		4179	2113	3 E	3373	3817	4139	4133	3717	4061	4095	4716	4441
Beef Tongues	185			21	G4		က	5C 5	•	28/	oc u	87	57
Hearts			05.61				3 kg	870	-	50	233	133	ť
Pork (lbs.)		407	[ ]Z	514	702	888	88 88 88 88	262	1665	449	999	591	624
Thateas				4	9	5	158	33	653	8	-	13	17
Hare		707	704	25	33.	150	ස <sub>්</sub>	11	16	174	_	7. Se	202
Ducks				:E	æ	14	c	œ	e R	S	7*		77
Geese													
Total	251973¥	31263	14004	21865	21058	33349	8583	14720	13408	10463	21249	27546 <del>§</del>	34465

TABLE 20—Continued.

ANNUAL REPORT DIVISION OF MARKET INSPECTION.

CATTLE SLAUGHTERED FOR HUMAN CONSUMPTION.

Month	Source of Supply	Totals	Beeves	Calves	Sheep	Lambs	Hogs	Goats
1915	(Butchertown	60509	5931	842	10731	31660	11343	
July	Outside	18727	2504	3199	4882	6712	1430	2
,	l f 'l'Ofel	79236	8435	4041	15613	38372	12773	2
	Butchertown Outside	69950	7648	1016	10956	37785	12545	
August	Outside	18141	2874	3480	1133	9481	1173	
	( Total	88091	10522	4496	12089	47266	13718	1
	(Butchertown.	70059	6962	668	9954	40587	11888	
September.	Outside	18871	2524	4626	1133	9481	1107	ĺ
	( Total	88930	9486	5294	11087	50068	12995	
	Butchertown.	72136	6923 1	2848	11509	38921	11834	101
October	{ Outside	17587	2345	3011	1687	9012	1532	101
	( Total	89723	9268	5859	13196	47933	13366	101
	(Butchertown	68823	7120	658	14558	33144	13343	
November	₹ Outside	16474	2215	5444	2104	4893	1818	
	( Total	85297	9335	6102	16662	38037	15161	
	Butchertown	60531	6718	453	11866	26689	14805	
ecember	Outside	20778	2467	5231	5539	5014	2527	
	( Total	81309	9185	5684	17405	31703	17332	
1916	Butchertown Outside	64378	6151	3079	12849	30692	11488	119
anuary	Outside	12975	2032	2699	2200	3987	2057	110
	( Total	77353	8183	5778	15049	34679	13545	119
	(Butchertown	55684	6306	223	11729	27048	10378	
ebruary	Outside	18990	1863	6113	2710	6536	1768	
_	( Total	74674	8169	6336	14439	33584	12146	
	Butchertown	61296	6507	394	16007	26914	11469	5
Iarch	Outside	19768	2118	6589	2739	6092	2230	
	Total	81064	8625	6983	18746	33006	13699	5
	Butchertown Outside	59204	5928	602	9946	32661	10067	
pril	Outside	15914	1710	5392	2283	5125	1338	66
		75118	7638	5994	12229	37786	11405	66
	Butchertown	<b>6</b> 5510	5598	1630	12086	34794	11402	
Лау	Outside	14342	1610	4138	2006	5245	1339	4
	` 10ta1	19852	7208	5768	14092	40039	12741	4
	Butchertown	61032	6549	2705	10773	30666	10337	2
une	{Outside	12326	1690	2736	1443	5029	1428	-
	( Total	73358	8239	5441	12216	35695	11765	2
	(Butchertown	769112	78341	15118	142964	391561	140899	229
Totals	∛Outside	204893	25952	52658	29859	76607	19747	70
	( Total	974005	104293	67776	172823	468168	160646	299

TABLE 21.

ANNUAL REPORT, DIVISION OF SANITARY INSPECTION.

				1915	15					19	1916		
NUISANCES	Totals	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Complaints unabated at last report Complaints filed during month	38	10	1 1	54	31	4 26	10	. 42	12.2	10	13.2	12.	25 33
Total	224	=======================================	15	23	3.5	30	18	16	14	15	15	16	16
Complaints abated	151 13	6 F	12 6	15	224	38 88	512	12	711	12	10	12	14
Unabated			1	900	***	00	4	2	5	2	5	8	2
Total	222	=	15	24	31	30	18	16	14	15	16	16	16
Number of first inspections		11	14	412	33.1	329	16 504	504	10	11 449	13 515	$\frac{12}{510}$	15 381
Special inspections	4127	332	191	296 215	313 313	365 466	340 426	331 674	384 888	461 1232	337 666	365	\$33 424
Total number of inspections	16002	1013	869	947	1018	1186	1286	1518	1699	2153	1531	1629	1153
			_										

TABLE 22.

## TABLE 22. DIVISION OF INDUSTRIAL INSPECTION.

Abated	는 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	632
Last notices	ము <sub>రు</sub> వ్యత్త గుండి - సి. జ	198
First notices.	825 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1233
Referred to other Departments	117 110 1183 147 8 8	1013
-mera Treinszarl bettegenie Reited	영국양초등원왕왕왕관 첫 궁	899
banot sesimer Tratiaesai	825 827-78 826-64-78 826-64-78 838-88-88-88-88-88-88-88-88-88-88-88-88-	2537
obsm snoitsogenI vrstings no sosimorq	662 283 883 1160 1160 1261 127 127 127 128 128 128 128 128 128 128 128 128 128	3291
znoitoeqzai listoT	25. 25. 25. 25. 25. 25. 25. 25. 27. 27. 27. 27. 27. 27. 27. 27. 27. 27	6270
Class of Premises Inspected	Bakeries Bath Houses Candy Factories Charles C	Totals

### TABLE 23

### DIVISION OF HOUSING INSPECTION, FISCAL YEAR 1915-1916 $\qquad \qquad \text{INSPECTIONS}.$

	SPEC					
Tenement Houses-						
New Buildings:						
First Inspections					367	
Reinspections					914	
Old Buildings:					011	
First Inspections					261	
Reinspections					176	
Keinspections			***************************************	·····		
Total						1,518
						256
Flats and Houses						19
Co-inspections						10
Hotels and Lodging Houses-						
New Buildings:						
First Inspections					27	
Reinspections					50	
Old Buildings:						
First Inspections				<b>-</b>	255	
Reinspections					739	
				_	<del></del>	
Total						1,771
Business Visits						374
					-	
Grand Total				••••••		3,938
7	VIOLA	TIONS.				
	Disc	overed	Aba	ited	Una	bated
	New	Old	New	Old	New	Old
		38	5	37		1
Cellars	5	38 35	-			-
Basements	16	33				12
Yards	3	41	16	23		12 3
	0	41	3	38		3
Passages	6	11	6 ·	38 10		3 1
Courts	6		6 6	38		3
Courts	6 15	11 55	3 6 6 15	38 10 46		3 1 9
Courts	6	11 55 4	6 6	38 10 46		3 1
Courts	6 15 7	11 55 4 1	3 6 6 15 7	38 10 46 2 1		3 1 9
Courts	6 15	11 55 4 1 538	3 6 6 15	38 10 46 2 1 342		3 1 9
Courts Vent Shafts Stairs Public Halls Rooms Windows	6 15 7	11 55 4 1 538 48	3 6 6 15 7	38 10 46 2 1 342 48		3 1 9 2 198
Courts Vent Shafts Stairs Public Halls Rooms Windows Skylights	6 15 7	11 55 4 1 538 48 31	3 6 6 15 7	38 10 46 2 1 342 48 24		3 1 9
Courts Vent Shafts Stairs Public Halls Rooms Windows Skylights Roofs	6 15 7 4	11 55 4 1 538 48 31	3 6 6 15 7	38 10 46 2 1 342 48 24		3 1 9 2 198
Courts Vent Shafts Stairs Public Halls Rooms Windows Skylights Roofs Fire Escapes	6 15 7 4	11 55 4 1 538 48 31 19	3 6 6 15 7 2	38 10 46 2 1 342 48 24 19 8		3 1 9 2 198
Courts Vent Shafts Stairs Public Halls Rooms Windows Skylights Roofs Fire Escapes Sinks	6 15 7 4	11 55 4 1 538 48 31 19 8	3 6 6 15 7 2	38 10 46 2 1 342 48 24 19 8		3 1 9 2 198 7
Courts Vent Shafts Stairs Public Halls Rooms Windows Skylights Roofs Fire Escapes Sinks Toilets	6 15 7 4	11 55 4 1 538 48 31 19 8 184 261	3 6 6 15 7 2	38 10 46 2 1 342 48 24 19 8 149 256		3 1 9 2 198
Courts Vent Shafts Stairs Public Halls Rooms Windows Skylights Roofs Fire Escapes Sinks Toilets Baths	6 15 7 4 7 85 26	11 555 4 1 538 48 31 19 8 184 261 47	3 6 6 15 7 2 7 85 26	38 10 46 2 1 342 48 24 19 8 149 256 47		3 1 9 2 198 7
Courts Vent Shafts Stairs Public Halls Rooms Windows Skylights Roofs Fire Escapes Sinks Toilets Baths Garbage Disposal	6 15 7 4	11 555 4 1 538 48 31 19 8 184 261 47	3 6 6 15 7 2	38 10 46 2 1 342 48 24 19 8 149 256 47 30		3 1 9 2 198 7
Courts Vent Shafts Stairs Public Halls Rooms Windows Skylights Roofs Fire Escapes Sinks Toilets Baths Garbage Disposal Sanitation	6 15 7 4 7 85 26 4	11 555 4 1 538 48 31 19 8 184 261 47	3 6 6 15 7 2 7 85 26	38 10 46 2 1 342 48 24 19 8 149 256 47		3 1 9 2 198 7
Courts Vent Shafts Stairs Public Halls Rooms Windows Skylights Roofs Fire Escapes Sinks Toilets Baths Garbage Disposal Sanitation Closets	6 15 7 4 7 85 26 4 11	11 55 4 1 538 48 31 19 8 184 261 47 31	3 6 6 15 7 2 7 85 26 4	38 10 46 2 1 342 48 24 19 8 149 256 47 30 145	4	3 1 9 2 198 7
Courts Vent Shafts Stairs Public Halls Rooms Windows Skylights Roofs Fire Escapes Sinks Toilets Baths Garbage Disposal Sanitation	6 15 7 4 7 85 26 4	11 555 4 1 538 48 31 19 8 184 261 47	3 6 6 15 7 2 7 85 26	38 10 46 2 1 342 48 24 19 8 149 256 47 30	4	3 1 9 2 198 7
Courts Vent Shafts Stairs Public Halls Rooms Windows Skylights Roofs Fire Escapes Sinks Toilets Baths Garbage Disposal Sanitation Closets	6 15 7 4 7 85 26 4 11 22	11 55 4 1 538 48 31 19 8 184 261 47 31	3 6 6 15 7 2 7 85 26 4	38 10 46 2 1 342 48 24 19 8 149 256 47 30 145	4-4	3 1 9 2 198 7

### BOARD OF HEALTH

### TABLE 23—Continued

### SANITATION STATEMENT.

Structural—	
Recommended for Condemnation	8
Tenement Houses Condemned	4
Buildings Demolished	8
Buildings Remodeled	6
Permits of Occupancy Issued	283
Permits of Occupancy Renewed	47
Plans—	
Inspected and Approved (New)	76
Inspected and Approved (Old)	
Rejected	4
Total	85
Arrests-	
Arrested During Year	1
Favorable Court Action	
Complaints received	48

TABLE 24
DIVISION OF PLUMBING INSPECTION.

				1915	5					1916	,	!	
	Totals	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Inspection Construction. In Construction On Completion On Work Granted by Permit Reinspections.	3857 2062 2854 5127	328 160 132 270	276 143 117 344	396 213 184 410	391 187 173 358	352 208 217 446	338 212 216 446	230 168 237 451	313 132 279 439	333 159 345 555	353 166 380 543	302 174 271 441	245 140 303 424
Total	13900	890	880	1203	1109	1223	1212	1086	1163	1392	1442	1188	1112
Sewers. Inspected Cast Iron (feet) Cast Iron (feet) Curb Traps	3850 364152 135734 2373	328 33280 12320 155	276 29670 12730 163	396 36780 12500 217	391 34490 10820 246	352 31190 10850 246	288 25470 111981 207	214 22370 8210 185	313 27520 9881 149	333 27040 10640 232	378 34021 12282 228	315 29880 11971 166	266 32441 11549 179
Nuisances. First Inspection Reinspection	1726 2973	124 165	126	176 238	151 274	131	129 282	133 230	149 201	158 303	188 285	126 240	135
Total	4699	289	358	414	425	341	111	363	350	461	473	366	448
	1506 1824	97 137	82 134	72 191	132 160	137	102	106 142	116 147	156 172	147 190	178 135	181 135
Total	3330	234	216	263	292	284	236	248	263	328	337	313	316
Abated Referred to other Departments No Gause Remaining Unabated	1601 57 1416 1539	138 1 13 823	131 5 8 72	152 22 7 281	146 4 39 103	123 17 100	124 1 3 108	124 3 5 116	110 3 4 156	168 7 6 147	153 5 1 178	126 1 8 181	136 8 8 8 164
Notices. First Notices Last Notices	- - - 589	119	122	181 43	155 60	131	125 36	125 51	108	158 54	207 63	122 61	143
Total	2285	169	165	224	215	165	191	176	150	212	270	183	195

TABLE 24-Continued.

NEW FIXTURES INSTALLED IN OLD BUILDINGS.

				1915	2					1916	,		
	Totals	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Water Closets           Basins           Bath Tubs           Sinks           Wash Trays           Urinals           Slop Hoppers           Gesspools           Gesspools	1601 1997 934 938 443 185 1123 122 269	011 087 64 64 84 84 84 61	\$E53460 9818160 9818160	66 37 30 66 66 67 18	189947777 1818 1818 1818 1818 1818 1818 1818	1128 128 128 338 24 24 24 24 28	56 44 10 10 10 77 77	170 257 257 223 230 230 153 153	21 12 22 82 83 84 85 85 86 86 86 86 86 86 86 86 86 86 86 86 86	168 121 123 123 125 55 13 26 17	167 382 382 123 127 42 42 42 42 16 10	351 520 520 269 109 55 41 16 0 18	122 117 77 108 51 13 7 7 7 48
Total	6646	338	217	311	339	488	280	969	550	617	854	1405	551
Number of plans submitted				1,579	Nun	mber of	building	s represe	nted	Number of buildings represented			1,867

Permits granted for repair work.......1,082

TABLE 24—Continued.

ANNUAL REPORT, EXAMINATION FOR MASTER PLUMBER.

	Results	Failed	1016000001	7
QUESTION	Res	Passed	0800011000001	12
0	Nu	mber Examined	014000010100001	19
		Date of Examination.	1915—July. August. August. August. October. October. 1916—January. February March. April. May	Total
	Results	Failed	448310831000140	21
Ä.		Passed	014000040140004	25
PLAN	N	umber Examined	ರ್ಣಚರು∞ಘರಾ⊿ಗು ಈ ⊢	46
	A	pplications Filed	⊕ 70 00 21 00 ∞ 44 21 44 72 44 11	47
		Date of Examination.	1915—July  August  August  September  October  November  1916—Jamary  Pebruary  March  April  May	Total

Total passing both examinations and qualifying, 12.

		Total		76	10 10 7	49	181
suc	y To	Other Structures		76	5 22 21	ž	153
mnatio	Structures Demolished	Stables			<b>ω</b> 4:	9	91
Conde	Stra	Shacks			10 22 01	5	15
on all		IstoT		<u></u>	16 01 0	33	101
tained	bated	By Vacation		÷1			01
Results Obtained on all Condemnations	Cases Abated	By Demolition		15	110	98	8
Resu	Ci	By Repair		10	r3 61	::	- - - - - - -
	ır	Condemned During Ye	7.0	212s	15 12 9	4	601
	-	IstoT	=	\$%812	5555	2,52	321
		Re-hearings	9	2525°	8888	Z x	188
		Xew Cases Series the	-10	10 10 10	21 22 23 25 25	4 c	551
		Month	1915— July	August September Soutober November December	1910-7 January Pebruary March Abril	:	Total

TABLE 25--Continued.

TABULATED REPORT OF THE EXPENDITURES IN THE WORK OF SPECIAL SANITATION DURING THE FISCAL YEAR 1915-1916 OF FUNDS APPROPRIATED FOR THIS WORK IN CONJUNCTION WITH THE UNITED STATES PUB-LIC HEALTH SERVICE.

			1915	5						1916			
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
Headquarters Field Service Laboratory Printing & Stationery Rat Traps and Bait, etc. Special Purposes	72.50 574.58 65.73 29.70 75.00	73.00 573.90 67.46 3.97 20.88	73.50 588.50 173.58 1.98 4.20 75.00	65.00 563.41 99.68 10.35 11.26 75.00	74.10 575.90 173.74 26.77 12.57	73.70 588.41 63.95 39.42 39.42	65.00 626.38 32.18 8.89 21.32	65.00 578.00 56.74 2.00 13.03 75.00	65.00 608.90 92.79 17.98 75.00	65.00 552.76 71.91 · 24.06 161.50	65.00 611.36 121.30 9.07	35.00 580.95 87.73 141.42	791.80 7023.11 1106.79 144.0 173.09 758.92
	817.51	81-1.21	916.76	821.73	803.08	804.44	753.77	789.77	880.38	878.23	806.73	848.10	9997.71

\* Does not include the sum of \$25,000 spent by the United States Government in co-operation with the Municipal Board of Health.

TABLE 26

STATEMENT OF TRANSCRIPTS ISSUED AND FEES COLLECTED IN THE DEPARTMENT OF PUBLIC HEALTH FOR

## THE FISCAL YEAR 1915-1916

	-	July	Ang	Angust	Septe	September	Oeto	October	Nove	November	December	mber
TRANSCRIPTS ISSUED	.o.Z	Fee	.oX	. <del>9</del> ә.д	.o.X	994	.oZ	Fee	.oV	Fee	.oV	ьеч
Cortified Copies Birth (at 75c each)	35	\$24.00	æ	\$36.00	40	\$30.00	56	\$42.00	Ŧ	\$30.75	88	\$28.50
Same—For pension purposes, etc. (no charge) Cortified Copies Death (at 75c each)	17	53,25	19	45.75	67	50.25	92	57.00	70	52,50	108	81.00
Permits for Removal of Bodies and Ashes	* 23 ·	0	- 23		e 85 •	0	<del>\$</del>	0	. K.	0	37	
Same—(At \$10.00 cach)	-	10.01		10 00	-	10.00	-	12.00	-	10.00		
Totals	,	132 \$87.25	i l	173 \$91.75	139	\$90.25	178	178 \$121.00	170	\$93.25 197 \$109.50	197	\$109.50

	Jan	January	Febr	February	Ma	March	ЧΥ	April	May	ı,y	ηſ	June
TRANSCRIPTS ISSUED	.oX	Fee	.o.Z	Fee	.o.V	994	.o.Z	Fee	,o.v.	99A	.oV	99 <b>.</b> T
Certified Copies Birth (at 75c each)	40	\$30.00	52	\$39.00	47	\$35.25	7.	\$55.50	39	\$29.25	99	\$19.50
Same—For pension purposes, etc. (no charge) Certified Copies Death (at 75c each)	% :	58,50	108	81.00	1.7	57.75	<u>.</u>	48.00	5	52 50	%:	58.50
Permits for Removal of Bodies and Ashes	<sup>1</sup> €3		38		18		- 23		22		19	
Same—(At \$10.00 each)	က	30.00			-	10,00						
Miscellaneous Fees		_				123.20				13.50		
Totals	152	119.50	506	\$120.00	₹.	184 \$226.20 188 \$103.50 162	188	\$103.50	162	\$95.25   192   \$108.00	192	\$108.00

### TABLE 26—Continued

### TOTAL TRANSCRIPTS ISSUED.

Certified Copies Birth (at 75c each)	573	429.75
Same—For pension purposes, etc. (no charge)	0	
Certified Copies Death (at 75c each)	928	696.00
Same-For pension purposes, etc. (no charge)	53	
Permits for Removal of Bodies and Ashes	514	
Same-(At \$10.00 each)	8	80.00
Miscellaneous Fees		159.70
Totals	2,076	1,365.45

TABLE 26—Continued.

PERMITS AND CERTIFICATES ISSUED.

-	-			19	1915					1916	9		
	Totals	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Bath Houses	-0	0	0	0	0	0	0	C	0	0	0	0	О
Cigar Factories		0	0	0	0	0	0	0	=	0	0	0	0
Homes for Children		<b>∞</b>	7	10	æ	13	7	10	23	53	21	žį	50
Hotels and Lodging Houses		0	0	С	0	0	0	0	0	_		4	18
Laundries	œ	0	0	0	0	0	0	0	01	5	0	П	0
Master Plumbers		134	5	2	21	81	क्ष	σc	77	6	0	0	0
Maternity Hospitals	c.	0	_	0	÷1	24	Н	_	1	-	0	c	0
Milk	_	ဗ	1~	1~	91	17	οc	28	7	2	4	18	14
School Attendance		143	175	96	143	255	263	02.50 25.00	260	635	563	3	903
Tenement Houses		6	19	œ	2	17	22	19	13	97	83	당	95
Wagons, Scavenger, Swill, Manure		4	20	0	67	0	0	312	25	43	61	C	0
Bakeries		4	6	90	oc	ÇÌ	9	7	c	6	ÇÌ	7	÷Ι
Restaurants	423	દુ	17	S,	47	96	36	688	40	45	<u> </u>	41	ફો
Miscellaneous	60%	15	93	œ.	87	98	23	Z	æ	93	67	87	20
Totals	6344	384	440	214	321	388	437	758	826	891	889	300	889

TABLE 27
ARRESTS FOR VIOLATION OF HEALTH ORDINANCES

1	. 1		State Tenement House Law	ıcı	0
	AWS		State Hotel and Lodging House Act	2	21
	STATE LAWS		Maintaining Nuisance	1281	83
	STA		Chapter 378, Laws of 1915	63	Ç1
		2917	Regulating Manufacture, Care and Sale of Foodstuffs	14 20 1	15
		2099	Milk Containers	4	7
		1426	Pure Food	275 1	က
		1410	Meeping of Swine	10	5
		1265	Meat Inspection	100	ಣ
	70	1046	Homes for Children	64 C1	7
	CES	1034	Communicable Diseases	G.J	\$1
	NAN	1029	Мапиге Wagons	9	9
	CITY ORDINANCES	822	Regulating Rendering Works		1
		731	Keeping of Cattle	¢1	C1
		099	Milk Law	800 831	59
		655	Dyes, etc., in Meat	10	
		615	Plumbing	9 185 5	17
		357	Garbage Disposal	90	ಣ
		92	Drug Adulteration	4	7_
		55	Screening of Food	61	21
		12	Garbage Disposal	1	1
			SJATOT	48 \$1440 118	166
			RESULTS OBTAINED	Convicted Fines \$ Dismissed Pending	Total

### TABLE 28

### EMERGENCY HOSPITALS.

### ALANSON WEEKS, M. D., CHIEF SURGEON.

REPORT OF CASES RECEIVED AND TREATED DURING FISCAL YEAR 1915-1916.

During the past fiscal year a total of 33,045 patients were treated in the various Emergency hospitals, (not including the Mission Emergency Hospital) which shows an increase of 6,898 over the number of patients treated last year.

The Central Emergency Hospital treated 18,033 patients, and this is an increase of 3,851 patients, and responded to 3,034 ambulance calls; the Harbor Hospital treated 8,217 patients, an increase of 1,022 patients, and responded to 2,379 ambulance calls; the Potrero Hospital treated 3,161 patients, an increase of 906 patients, and responded to 610 ambulance calls; the Park Hospital treated 3,628 patients, an increase of 1,119 patients, and responded to 1,588 ambulance calls. The Insane Detention Hospital admitted 1,348 patients, of which 1,055 were committed to State Hospitals.

### CENTRAL HOSPITAL.

	CENTRAL HOSTITAL.	
Total number of	surgical cases treated	11,209
Total number of	medical cases treated	6,824
Grand total		18.033
Total number of	emergency ambulance calls	2,890
	transfer ambulance calls	244
Total number of	transfer amounance cans	
Grand total		3,034
	HARBOR HOSPITAL.	
Total number of	surgical cases treated	6,970
	medical cases treated	1,247
Total number of	medical cases freated	
Grand total		8,217
Total number of	emergency ambulance calls	1,927
	transfer ambulance calls	452
2014		
Grand total		2,379
	POTRERO HOSPITAL.	
Total number of	surgical cases treated	2,929
Total number of	medical cases treated	232
Total number of	metrical cases treated	
Grand total		3,161
	emergency ambulance calls	490
Total number of	transfer ambulance calls	120
20101 2100000		
Grand total		610
	PARK HOSPITAL.	
m . 1 1 1		3,248
	surgical cases treated	380
Total number of	medical cases treated	380
Grand total		3,628
	emergency ambulance calls	,
	transfer ambulance calls	529
Total Humbet Of	THIRD I WAS TRUTTED CHILD.	
Grand total		1,588

### BOARD OF HEALTH

### TABLE 28-Continued

### INSANE DETENTION HOSPITAL.

Total number of patients admitted to Detention Hospital	1,348
Grand total number of cases treated during fiscal year 1915-1916	34,393
Grand total number of emergency ambulance calls fiscal year 1915-1916	7.611

### FINANCIAL STATEMENT

### EMERGENCY HOSPITALS FOR THE FISCAL YEAR 1915-1916.

Appropriation for salaries	\$68,052.00
Expenditure for salaries	
Surplus	\$ 16.65
Appropriation for maintenance	
Expenditures for maintenance	
Surplus	\$ 123.43

### ITEMIZED STATEMENT FOR MAINTENANCE

1.	Subsistence	2,646.31
$^2$ .	Surgical and medical supplies	2,806.14
3.	Surgical instruments, appliances and repairs	669.82
4.	Motor ambulances (5) and garage supplies	2,717.49
5.	Linen and blankets	1,321.72
6.	Bedding	178.50
7.	Sick room furniture	219.60
8.	Laundry	1,196.46
9,	Scavenger service	120.00
10.	Office furniture and linoleum	186.73
11.	Miscellaneous	1,542.32
12.	Fuel gas	606.48
	-	
	Total	14,211.57

### ADDITIONAL EXPENDITURE PAID OUT OF SPECIAL FUNDS.

Electricity\$	757.53
Water	433.58
Stationery	530.96
Postage Stamps	45.00

Total	\$	1	,767.07	
-------	----	---	---------	--

SAN FRANCISCO HOSPITAL. TABLE 29

		1915	5					1916	9			1
July	Aug.	Sept.	Oct.	Nov	Dec.	Jan.	Feb.	Mar.	April	May	June	Total
258	- 576	367	381	391	414	410		754	479	494	466	5221
Born	œ	16	5	19	16	1~	75	11	17	18	11	159
Scharged         88           Cared         139           Unimproved         35	8 55 88 8 68 88	123 172 08	125 139 14	21 88 188	<u> </u>	115 156 25	558	150 208 29	111 202 272	255 36	157 272 30	1549 2171 319
		-1	-	-	¢≀	- 8	c1	-		1		<u> </u>
Removed by Relatives or Friends. Insubordination	1		1	Ha	rc eo	≎1 <del></del>	7	— თ	- <del>- +</del> rc	П	co	15 23
Relief Home		S) e1	77	20	걸으	oc ≎1	≎1 <del></del>	20 16	17	L 0.1	96	138 44
19	17	20	47	99	82	06	8	75	69	22	75	834
_												

			D,	DAILY AVERAGE NUMBER OF PATIENTS	RAGE NUM	BER OF P	ATIENTS				
July 514.9	Aug. 560.38	Sept.	Oct. 587.61	Nov. 580.16	Dec. 592.29	Nov.         Dec.         Jan.         Feb.           580.16         592.29         585.06         628.31	Feb. 628.31	Mar. 613.8	April 622.1	May 647.74	June 618.6
			Number pa Admitted	ttients rema during the 3	ining in ho	spital July	Konnber patients remaining in hospital July 1, 1915 Admitted during the year	557 5160			
								5717			
			Died and	discharged d	luring year.		Died and discharged during year				
			Remaining	June 30, 1	916		Remaining June 30, 1916	593			

NOTE.-This table includes cases received and treated at the Tuberculosis Hospital, which were formerly shown in Table

No. 30, now eliminated.

### TABLE 29-Continued

### SAN FRANCISCO HOSPITAL—COST OF MAINTENANCE, 1915-1916.

### EXPENDITURES.

EXPENDITURES.		
Food supplies purchased\$	99,721.74	
Clothing and Dry Goods	15,731.18	
Fuel	11,807.10	
Light	1,448.01	
Water	6,702.15	
Ordinary repairs	5,787.36	
Salaries	147,711.20	
Other expenses		
Total		\$303.285.60
RECEIPTS.		
Received from sales	237.94	
Received from pay patients	127.50	
Other receipts	298.23	
Other receipts		663.67
Actual expense to county		\$302,621.93
Total cost per patient per day		\$1.40
Total cost per person per day		
Daily average number of patients treated		592
Daily average number of employes		366
Cost subsistence per patient per day		29
Cost subsistence per employe per day		45
<del></del>		
Total number hospital days (including Main Group a	nd Tubercu	losis 253 173*
Greatest number patients at any one time (May 19, 19		
Least number patients at any one time (May 19, 19		
Percentage deaths to total number treated		
rereentage deaths to total number treated		

	Total number days treated	Total number cases treated	Average hospital days
1911-1912	. 104,960	3168	32
1912-1913	. 113,027	3960	28
1913-1914	. 102,646	4138	24
1914-1915	. 124,595	3261	38
1915-1916	. 253,173	5717	49

Note.—Year 1915-1916 includes complications and tuberculosis cases.

<sup>\*</sup> Main Group, 5059 cases; total days, 191,093; average stay per patient, 37 days. Tuberculosis Dept., 658 cases; total days, 62,080; average stay per patient, 94 days.

### CONSTRUCTION AND EQUIPMENT.

The new SAN FRANCISCO HOSPITAL is maintained by the City and County of San Francisco for the treatment of its sick poor. It is under the control of the Department of Public Health.

With the completion of the new general hospital at an approximate cost of three and one-half million dollars, derived from the sale of bonds, San Francisco will have one of the finest and handsomest institutions of its kind in the United States. The hospital when completed will accommodate about 1,000 patients; hence the cost per bed amounts to about \$3,500.

The late Mr. Newton J. Tharp designed the buildings and chose for the location of the main group the frontage facing Potrero Avenue, a broad avenue on which is operated the municipal car line.

The hospital is located in what is known as the "Warm Belt" of the Mission, at the edge of the most thickly populated district of the city; it is situated on a rising elevation and covers four city blocks, 866 feet long and 760 feet wide. The tuberculosis and infectious groups, at present under construction, will be situated on higher ground on the easterly portion of the property.

The buildings are so arranged that there is ample light and plenty of ventilation around each particular unit. In general, the type of construction is what is known as the corridor-pavilion, the buildings being connected by a main corridor in such manner that one can go from building to building without exposure to the elements.

The Italian renaissance style of architecture has been followed in designing the buildings, which are of the finest Class "A" fire roof construction possible for huran skill to produce. The foundations are of concrete, waterproof and under-drained. The floor and roof construction is of reinforced concrete. The flooring throughout the offices and bedrooms in the administration building and in the nurses' home is of maple; in the wards and in the bedrooms of the service building the floors are covered with battleship linoleum cemented to the concrete. The operating rooms, treatment rooms, toilets, laboratories, etc., are finished with tile and the floors of all corridors are of terrazzo. The exterior walls are of brick of rich color, laid in a very beautiful way, with terra cotta trim.

The grounds are extensive and present a park-like appearance, having been laid out by Mr. John McLaren, the well-known designer of the beautiful gardens of the Panama-Pacific International Exposition, the entire area being enclosed by an iron grill fence and lighted at night by about forty ornamental electroliers.

The interior finish has been given careful study. All angles are rounded; baseboards are finished with sanitary cove; window sills generally are of marble; all door and window frames are of wood; the doors are smooth and flush, without panels, and are painted with five coats of cream enamel paint, except in the administration building and in the nurses' home, where the doors are of quartered oak, natural finish; the plastering is of Keene's cement throughout and is covered with three coats of paint of a light buff color. The plumbing fixtures, of which there are over one thousand, are of vitreous ware; all pipes are placed in vertical pipe racks in such a manner as to be within easy reach when necessary.

Plate glass has been used in all windows, with the exception of a portion of the service building, power plant and laundry, where the panes are of sheet glass. All of the windows are covered with bronze screens.

THE MAIN GROUP consists of ten buildings, begun in 1910 and completed May 1, 1915, when it was officially opened for the reception of patients. It has accommodations for 512 patients and is so constructed that 752 beds may be provided if necessary. The main entrance is in the center of the Potrero Avenue frontage and persons entering or leaving the grounds are compelled to

pass the gate house. The approach from the main entrance to the administration building is impressive, consisting of a series of terraces and stone stairways, on either side of which are lawns and flower beds. Provision is also made for ornamental fountains.

THE ADMINISTRATION BUILDING, the central feature of the main group, is three stories high and provides accommodations for the general offices of the superintendent and his assistants on the first floor. In the main office is located the central telephone exchange and switchboard for signal service: provision is also made for fire alarm station at this location. By means of a signal board, operated in conjunction with the silent call system, the telephone operator records on a time stamp the time when the patient's call is registered and the time it is answered by the nurse. At the northerly end of the administration building, on the first floor, is a large room which is used by the visiting staff and which will also be available as a meeting place for the advisory council, committees interested in social welfare work, etc.

The two upper floors are devoted to the use of the house officers and interns. They contain recreation and general reception rooms, library and billiard room, with a liberal provision of shower baths, toilets and other conveniences. In the basement are storerooms for the storing of trunks, furniture, enamelware, electrical stores, etc., and a large fireproof vault for the safekeeping of records. A portion of this building is set aside for the accommodation of the superintendent.

THE MAIN WARD BUILDINGS, of which there are four, are six stories high. Two are located to the north and two to the south of the administration building. Each ward building contains four wards, a roof garden with penthouse and a basement. There is provision in each ward for 29 beds, there being 25 beds in the general ward, which is 110 feet long and 26 feet wide, and 2 beds in each of the two preparation wards, with a cubic air space of 1,500 feet for each patient. A special feature of the ward buildings is the sanitary tower, placed on the north side of the buildings, opposite the middle of the ward. This tower contains the toilets, baths, wash basins, utility station, clothes chute, blanket warmer, etc. It is connected with the ward by a narrow corridor in such manner as to permit of cross-ventilation between the two structures. The wards have a full southern exposure and are well ventilated by hopper transoms placed above the windows.

Each bed is placed between two windows and is furnished with a reading lamp, silent call system and an electric socket for examination lamp. Each ward is furnished with a treatment room, diet kitchen, ward dining room, laboratory, linen room, toilet, wash room and janitor's closet. At the easterly end of each ward is a large solarium, the walls being almost entirely of glass. A large terrace on the southerly side of the first floor of the ward buildings permits the wheeling of patients into the open air and sunshine. Electric passenger elevators, conveniently located, each of which is capable of carrying a bed, are arranged for operation by lever or by push button control, the change from one system to the other being effected by a throw switch in the elevator machinery room.

The Maternity ward is provided with accommodation for 25 patients, there being beds in the ward proper for 20 patients and rooms for 5. Adjacent to the ward are toilet facilities placed in a sanitary tower and nearby are two nurseries; then follow in order the first stage room, delivery room, diet kitchen, dining room, two isolation rooms, doctor's dressing room, laboratory, supply room, toilet and janitor's closet. At the easterly end is a solarium.

The children's ward has been divided by glass cubicles, 9 feet high, into four smaller units, each containing six beds, so that to a certain extent contact infection from communicable diseases will be controlled.

THE RECEIVING BUILDING, which faces 22nd St., at the northerly end of the main corridor, is five stories high in the main portion, leading from which

are three wings each three stories high. This building has been designed for a five-fold purpose:

- 1. To receive patients entering the hospital proper.
- 2. For use as an emergency department.
- 3. For an out-patient department.
- 4. As a surgical pavilion.
- 5. For the purpose of instructing students from the medical colleges.

On the main floor is situated the emergency department, consisting of receiving station, operating rooms, and wards; an out-patient department, consisting of reception room, treatment rooms, drug room, and rooms for social service workers; department for receiving of patients, consisting of reception rooms, examining and treatment rooms, bath rooms, two observation wards and eight isolation rooms. In this department a dental clinic has also been established.

On the second floor is the surgical pavilion, which contains besides the operation rooms, two large surgical amphitheaters, each with seating accommodations for 50 students. On this floor is also located the X-Ray department, eye. ear, nose and throat, and urological examination rooms. Accommodations are also here provide for care of patients before and after operation.

On the third floor is an amphitheater with seating accommodations for 200, with laboratories adjacent, used by the faculty of the five medical colleges affiliated with the hospital for demonstrating purposes. On this floor also are the rooms in which the dressing sterilizers are situated: thus excessive humidity on the second or operating floor is avoided. In the basement is situated the hydrotherapeutic department, which is second to none in San Francisco. It is equipped with dressing and lounging rooms; douche, steam and irrigation rooms; plunge and mechanical apparatus department. In the douche room are shower baths, steam cabinet, electric cabinet, cleaning bath, continuous bath, Nauheim bath, massage table, etc.

The ventilation in the receiving building is controlled by a double mechanical system, the plenum system; one for supply and one for exhaust, the air being drawn in through an aperture 50 feet above the ground, washed and distributed by Sturtevant fans, after proper heating, to the various operating rooms. The mechanical exhaust system of ventilation can be operated separately in different parts of the receiving building. All operating rooms are furnished with running sterile water.

The Pathological Building is located to the east of the receiving building and is a three-story structure now in process of construction. On the first floor will be the morgue, post-morten rooms, rooms for animal experimentation and kennels in connection therewith; also a chapel. On the second floor will be accommodations for the main chemical and bacteriological laboratories, which will be operated in conjunction with the central laboratory of the department of public health.

The Service Building is located in the rear of the administration building, in the center of the main group, consequently easy of access from the other buildings. It contains the main kitchen and serving pantry, from which all food is served, for removal in food carriages to the various wards. Secondary serving pantries are between the staff dining room and nurses' dining room and between male and female help dining rooms. The drug and linen rooms are also located on the main floor of this building. The two upper floors are furnished as quarters for the male and female help. Not more than two employees sleep in each room.

In the basement provision is made for a number of general storerooms, mattress and pillow rooms, bakery and a large locker room for the accommodation of patients' clothing.

THE NURSES' HOME is situated at the extreme southerly end of the main corridor. A garden faces the south, where the nurses may enjoy themselves and be free from view of the ward buildings, as well as the public. A large lecture room, social hall, recreation rooms, library, dining room, kitchen and suites for the superintendent of nurses, assistant superintendent of nurses, etc., are on the

first floor. The two upper floors are arranged for the accommodation of [20] There are not more than two nurses in a single room. Each pupil nurses. room is furnished with built-in quartered oak closet and chiffonier, between which is a wash basin.

THE POWER PLANT is situated in the center of the hospital group, so as to give equal distribution and minimum length of steam mains, etc., and supplies all electric power and steam used throughout the buildings. The power plant consists of four 250-horsepower Heine boilers, carrying 175 pounds steam pressure, which are fired by crude oil by the Dahl system. The oil is heated to a temperature of 270 degrees Fahrenheit under a pressure of 130 pounds, which does away with the necessity of steam air atomizing. Space has been provided for another boiler, when needed.

The electric generating plant consists of four 125 kilowatt Curtis turbinegenerator units, running at 2400 revolutions per minute. The generators are of the three-wire type, delivering current at 125 volts for lighting and 250 volts for power. The main switchboard is also located in the room with the generators and distributes both light and power to all of the buildings through individual feeders to each. The switchboard consists of five generator panels, namely, one main power panel one paralleling panel, which is arranged for connection to an outside source of supply, three lighting panels. Each building has a main switchboard for light and power.

All steam, hot and cold water, steam return, gas, electric and other pipes are run in a system of tunnels connecting the power house with each building. All pipes in the horizontal and vertical directions are placed so as to be within easy reach in case of the necessity of repair. Low pressure steam from turbine and pump exhaust is used for the direct radiators in all wards and buildings, except in the receiving building, where as already stated, the plenum system is used for the heating of operating rooms and amphitheaters. There are 22,000 feet of direct radiation installed in the buildings so far constructed. There is also located in the power plant a twenty-ton ammonia direct expansion refrigerating machine, with brine system of circulation to the main refrigerator in the kitchen, butcher shop and main store rooms, which is used for cold storage and ice making. Cold storage in the wards in obtained by the use of artificial ice in refrigerators.

The hot water system is a forced circulation, the water being heated to 140 degrees by the exhaust steam. All pumps in the power plant are duplex and in duplicate, reducing the chance of a shut-down to the minimum. There are two fuel oil tanks, one for the fire room, having a capacity of 11,000 gallons, and the other for the engine, having a capacity of 1,500 gallons. Two feed water heaters and purifiers are installed in the boiler room. The boiler pumps are duplex, in duplicate, of large capacity. All machinery operated by power is electrically driven, there being forty motors installed at present. There are four hydraulic elevators, five electric elevators, and a number of electric and hand operated dumb-waiters.

THE LAUNDRY is located on the southerly side of the power plant, with which it is closely connected, in which a complete and very extensive plant is

installed.

THE TIME SYSTEM is operated through a master clock in the superintendent's office, from which an electrical impulse is sent to each of the 68 electric clocks throughout the building every minute. The call signal system for doctors, nurses, and other employees is a buzzer system, operated from the telephone switchboard, buzzers being installed on each floor of every building. The silent call system from the patients' beds is operated on the 125 volt lighting circuit. Upon the patient's pressing a button in the flexible cord attached to the bed, it lights a green light over the bed, also a green light at the nurse's desk, in the ward corridor, in the diet kitchen and in the main office directly over the private exchange board. The method of registering the silent call system is referred to above in connection with description of the administration building.

THE TELEPHONE SYSTEM consists of a private exchange equipped for 159 Bell telephones. At the present time there are but 82 installed.

THE ARTIFICIAL LIGHTING in the buildings is of the "semi-indirect" type, the lower portion of the fixture being translucent, while the major portion of the light is reflected from the ceiling.

Construction of the new TUBERCULOSIS DEPARTMENT, with capacity of 250 beds, and for the ISOLATION DEPARTMENT, with capacity of 110 beds, is now under way, and it is probable these buildings will be ready for occupancy within two years.

THE EQUIPMENT of the San Francisco Hospital has been given much attention. Every room in the hospital was first equipped on paper and then each item was totaled in the aggregate and a stock card made for each article. This card showed the rooms to which such article was to be assigned, so that as the equipment arrived at the hospital no confusion ensued. Moreover, this method furnishes a complete inventory of the hospital equipment. A committee was appointed by the board of health to equip the hospital. As the style of each article was decided upon, photographs, cuts, or designs were made so that there could be no doubt as to what the contractor was bidding upon. Further, each contractor was required to submit a sample, which samples have been retained and placed in what is known as the "sample room."

There are many features of construction, equipment and management, the description of which would be too lengthy. Suffice it to say that the standard of the hospital is such as to entitle it to be ranked as one of the leading hospitals of this country. Great credit is due the members of the board of health, especially those of the building and hospital committees, as well as the architectural commission, for the care with which they have handled this problem. It is through their efforts that San Francisco has one of the most practical as well as most beautiful municipal hospitals. It is to be hoped that this noble group of buildings will remain as a monument to the honor of those who have been privileged to be associated with its construction.

### NURSING DEPARTMENT AND TRAINING SCHOOL.

The efficiency of the Nursing Department has been materially increased by appointment of a number of supervisors, who, in addition to having charge of the nursing of patients, are in executive control of the wards, each supervisor being responsible for two wards.

The San Francisco Hospital Training School for Nurses was established in 1890, its object being to give instruction to those desirous of learning the art of caring for the sick. The hospital offers unusual opportunities for a thorough practical experience in all departments.

### EQUIPMENT.

The hospital affords valuable opportunities for the clinical education of nurses in all branches of nursing, s ecial opportunities being given for social service work. Instruction is given under conpetent instructors in the operating rooms, class and demonstration rooms, which are equipped with all the necessary apparatus for teaching purposes. A reference library includes all modern reference and text books relative to nursing. There is also a model diet kitchen equipment for teaching preparation of foods and their application to the needs of the sick. Laboratory equipment for teaching of bacteriology, chemistry, and urinalysis is obtained from the various medical schools connected with the hospital.

### REQUIREMENTS FOR ADMISSION

1. A complete high school education; or a two year high school course or its equivalent in a recognized school, together with two years of special study or an occupation that would be considered preparatory to the study of nursing.

 Good physical condition. Applicants are preferred between age of twenty and thirty years, and not under average weight and height. Their teeth shall also be in good condition.

3. Candidates shall show satisfactory evidence of having been vaccinated

within the year previous to entering hospital.

### TUITION AND EXPENSES.

No charges are made for tuition. Pupils receive board, lodging, and a reasonable amount of laundry. When accepted as pupil nurses an allowance of ten dollars a month is given for the first year and twelve dollars for the second and third years, to cover cost of uniforms, books, etc.

### VACATIONS.

Are given each pupil between June and September. A period of two weeks is allowed at end of first and second years.

### SICKNESS.

All pupils are cared for gratuitously when ill and receive professional services of physician of the school. Time lost through illness or for any other reason must be made up.

### EXAMINATIONS.

Both oral and written are held at stated periods. The diploma of the school is awarded to those who have completed satisfactorily the term of three years and who have passed the final examinations. Nurses are then entitled to examination for registration in this State.

### PREPARATORY COURSE.

Applicants who are approved will be admitted for term of three months, during which time they are under direct supervision of a graduate nurse instructor, receiving daily instruction through lectures, visiting the wards occasionally, but not doing any actual nursing.

The object of this course is to provide the student with the fundamental knowledge upon which nursing depends, to prove her general fitness of disposition and temperament for the work, and to insure the teaching of correct and

uniform methods.

In addition to the classes, lectures and demonstrations, held daily, the pupil is taught the simpler practical points of nursing, including care and cleanliness of wards, bath rooms and utensils, linen and other closets, serving rooms and refrigerators, serving of trays, bed-making simple and for helpless patients, ether beds, prevention of bed sores, baths for cleanliness and as therapeutic agents; enemata and douches, observation of pulse, temperature, and respiration; charting; methods of applying heat and cold; disinfection and prevention of contagion; preparation of patients for physical examination; moving of patients; making of pneumonia jackets and surgical dressings; preparation of patients for ether and care of ether patients after operations; care of fracture cases and proper care of patients' surroundings; use of various appliances, utensils, and materials used in nursing.

Those who show adaptability for the work during this term and pass required examinations are accepted as pupil nurses and allowed to wear the school uniform. They will then be required to remain in the school and conform to the rules and discipline for three years from date of admission.

### COURSE OF INSTRUCTION.

Embraces a period of three years and pupils are constantly engaged in practical work under immediate supervision of Superintendent of Nurses, her assistants, and the head nurses. Regular courses of lectures by physicians and surgeons, recitations and demonstrations, are given throughout the year.

### JUNIOR YEAR.

Includes study of anatomy and physiology; nursing, its principles and practice; dietetics in class work and demonstrations in diet kitchen; and lectures on hygiene, bandaging, medical and surgical diseases.

### INTERMEDIATE YEAR.

Includes medical, surgical, gynaecological and obstretical work, infectious diseases and massage, lectures on urinalysis, bacteriology, and materia medica.

### SENIOR YEAR.

In addition to study of special diseases, lectures on eye, ear, nose and throat, surgical technique is taught in the operating rooms; the pupils are assigned such positions of responsibility, acting as head nurses, as will enable them to learn something of hospital administration.

### POST-GRADUATE WORK.

Pupils who have attained a high average and show special aptitude for institutional work will be given opportunity of post-graduate work for period of one year, during which time they will receive instruction in ward management, teaching of pupil nurses, hospital housekeeping, and minor administration. They will receive \$40 per month and maintenance. Examinations will be held at end of year and if successfully passed and work and conduct are satisfactory, a special diploma will be given.

### HOURS OF DUTY.

Time spent on duty averages forty-eight hours each week.

### RESIDENT MEDICAL STAFF.

The number of internes has been increased and a house officer (a second year man) placed in charge of each service, an arrangement which has proved to be very satisfactory.

Regulations covering the work of this department have been compiled in book form, a copy being given to each member of the resident staff, so that his duties in the organization of the hospital are clearly defined.

### TUBERCULOSIS DEPARTMENT.

During the past year the number of beds in the Tuberculosis Department has been increased from about 200 to 250. It is proposed that commencing July 1st, 1916, the State will pay \$3 per week for each tuberculous patient as is approved by the Tuberculosis Bureau, State Board of Health, provided the hospital complies with certain conditions relative to care of these patients, housing, etc. It will be necessary to make some alterations in this Department to meet the requirements.

### MUNICIPAL ACCIDENT WARD.

To comply with the Workmen's Compensation Law, city employes injured in the performance of duty are entitled to the hospital service of the City and County of San Francisco, and a special ward is reserved for these cases. The best service that the hospital management can furnish is given these patients.

### SURGICAL DEPARTMENT.

Located on second floor Receiving Building and consisting of eleven operating rooms. At present only three operating rooms are in use, one of these having been added during the present fiscal year. The large west amphitheater is used for demonstrating operations for medical students and visitors and is very popular with the visiting surgeons. This amphitheater and the smaller operating room are used every morning. Operating room No. 3 is used as an emergency room for overflow work, etc.

During the year a cystoscopic room has been established in this department, which has proved very satisfactory, all work of this class being removed from the treatment rooms in the wards, where proper preparation of these cases was impossible.

The operating and cystoscopic rooms are assigned per regular schedule to the various services, operations being posted on the surgery bulletin board by the Operating Room Nurse not later than 2 p. m. on the day previous to operation.

The number of operations has greatly increased, now averaging about ten daily; fourfold the number in the hospital's previous history. The increase in the amount of work has necessitated the appointment of an assistant to the operating room nurse.

Sterilization for the entire hospital is done through this department, sterilizing plant being located on the third floor, thereby lessening the humidity of the surgical pavilion which is so objectionable in operating rooms. The sterilizing department is in constant operation daily and recently it has been found desirable to use the large mattress sterilizer centrally located near the Power Plant. This markedly diminishes the number of sterilizations besides increasing its efficiency; due to the higher steam pressure obtained at this point. It is therefore recommended that in future buildings sterilizers be placed as near the Power Plant as possible. The Diack sterilizer control has been used with great satisfaction.

### COMMISSARY DEPARTMENT.

Is centrally located in rear of the main group of buildings, accessible from either 22nd or 23rd Streets, so that the receiving platform where all supplies are delivered is convenient to the kitchen, store-rooms, power plant, and workshops of the mechanics. Distribution of supplies is thus made with the least expenditure of time and labor.

An accurate check is kept on goods ordered and received; supplies are weighed, measured, and inspected immediately upon receipt and are accordingly accepted or rejected. Strict compliance with contracts as per Schedule of Supplies is demanded. Only brands, samples, etc., approved by the Supplies Committee of the Board of Supervisors will be accepted. Expert inspection of meat, fish, eggs and butter insures delivery of the best food products to the institution.

### DISPENSARY.

Daily ward supplies are now delivered each morning as ready and all new prescriptions and orders brought in during the day are promptly delivered by messenger as soon as prepared. This is a decided improvement over the previous method, which required the nurses to call for all supplies.

A system of accountability has been inaugurated during the past year, whereby a record is kept of all package goods, showing the ward or department to which issued, amount issued weekly, and amount issued weekly or monthly to the entire hospital; also the amount of goods ordered and received.

The drug room in the Tuberculosis Department has been closed and the stock consolidated with that of the main dispensary. This not only prevents duplication of stock and ordering, but renders possible a more even distribution and stricter accounting.

Prescriptions and small orders for the Isolation Hospital, previously purchased at retail from outside stores, are now prepared here at a greatly reduced cost to the city.

Another important feature is the reduction in the quantity of liquor used, the decrease amounting to about 200 percent. Formerly the cost per month averaged about \$63.12 for 375 patients; the present monthly average is \$31.20 for over 700 patients.

The increase in the duties and service required of this department has made necessary the employment of an assistant druggist.

### LINEN DEPARTMENT.

In the Linen Department, which is in charge of one head seamstress and two assistant seamstresses, all of the linen such as sheets, pillow slips, towels, jackets, etc., are made; only such articles as are found cheaper to purchase by contract being obtained from outside manufacturers. The hospital linen is also repaired in this department. A system of exchange is in force whereby worn out linen is required to be presented before new linen is issued: As in the wards and other departments, a monthly inventory is taken of all stock.

### REGISTRAR.

The Registrar is in charge of the main record room, where all patients' histories and records, statistics, etc., are filed and recorded. The hospital rules require histories to be written within 24 hours after patient's entrance and to be filed in the record room within 72 hours after discharge.

### POWER PLANT.

The boilers and generators are in first-class condition; we had a little difficulty with the generators which has been satisfactorily adjusted.

About eight months ago the packing in the ice machine was renewed and the expense has been more than offset by the fact that we have not had to put in extra ammonia since renewing the packing, which will probably last for three years.

The motors in the laundry have held up very well with the exception of one armature in one of the extractors, the shaft breaking due to crystallization.

The elevators are being placed under weekly inspection by the Otis Elevator Co. as a check on the proper repair of same.

Dryers for drying wash rags have been installed in the main diet kitchens and not cleaning kitchens and are very satisfactory.

Ventilators installed in the staff and help diet kitchens overcome to a great extent the odor of food.

Another good arrangement is the placing of guards over electric lights in the corridors, so that they cannot be removed except by the proper person, who has a key for the guards.

A smothering system is to be installed in the hood over the kitchen range as a protection against fire.

### LOCKER ROOM.

Upon admission, the patient's clothing, etc., is sent to the locker room for safekeeping and returned when the patient is ready to be discharged. While in the hospital the patient wears hospital clothing. In connection with the locker room a tailoring department has been established for the repair, cleaning, and pressing of such clothing as is necessary. A supply of clothing is also kept for the use of those patients in need.

### DENTAL CLINIC.

It has been arranged to open a dental clinic about July 1st, which will be a decided benefit to patients requiring dental work. This branch is to be maintained jointly by the hospital and the Associated Charities. The Associated Charities furnish the services of a dentist and supply the equipment, in return receiving the service of the Clinic for such of their cases as may be necessary.

### LIBRARIES.

A patients' library, instituted through the efforts of the young ladies of the Alpha Sigma Sorority, has been a great source of pleasure to those desiring to make use of it. The members of the sorority give their time and service towards the proper care of the books, issuing and recording of same, catalogues, etc.

A nurses' library has also been established, containing the latest and best works on nursing, through the generosity of the alumnae. A valuable reference library has also been added to the Training School.

TABLE 31		
REPORT OF RELIEF HOME FOR AGED AND INFIRM, FISC. ENDED JUNE 30, 1916	AL	YEAR
CHAS. M. WOLLENBERG, Superintendent.		
		1050
Total number of inmates in Relief Home July 1st, 1915		1378
Total number of inmates admitted during 12 months		019
		1993
DISCHARGES		1555
Number of inmates discharged at own request	200	
Number of inmates who overstayed pass	88	
Number of inmates discharged for cause	5	
Number of inmates left without permission	13	
Number of inmates sent to New San Francisco Hospital	6	
Number of inmates sent to Tubercular Hospital.	7	
Number of inmates sent to Insane Asylum	19	
Number of inmates who died	264	602
Total remaining June 30, 1916		1391
SOCIAL CONDITION OF INMATES		
Single	714	
Married	77	
Widowed	550	
Divorced	30	•
Separated	20	
BY RACE	_	1391
Caucasian1	359	
Ethiopian	12	
Mongolian	20	
-		1391
BY NATIVITY		1391
	991	1391
Foreign Born	991 400	1391
	991 400	1391 1391
Foreign Born	400	
Foreign Born	400	
Foreign Born	9	
Foreign Born	9 19 81	
Foreign Born Native Born (United States)  BY AGES  20 to 30	9 19 81 193	
Foreign Born Native Born (United States)  BY AGES  20 to 30	9 19 81 193 442	
Foreign Born	9 19 81 193 442 523	
Foreign Born	9 19 81 193 442 523 112	
Foreign Born	9 19 81 193 442 523 112	
Foreign Born	9 19 81 193 442 523 112	1391
Foreign Born Native Born (United States)  BY AGES  20 to 30	9 19 81 193 442 523 112	
Foreign Born Native Born (United States)  BY AGES  20 to 30	9 19 81 193 442 523 112 10	1391
Foreign Born Native Born (United States)  BY AGES  20 to 30	9 19 81 193 442 523 112 10 2	1391
Foreign Born	99 199 81 193 442 523 112 2 820 425	1391
Foreign Born Native Born (United States)  BY AGES  20 to 30	99 199 81 193 442 523 112 2 820 425	1391
Foreign Born	9 19 81 193 442 523 112 10 2 820 425 84	1391

### TABLE 31—Continued

Seventh time  Eighth time  Ninth time  Tenth time  Eleventh time  Twelfth time	2 4 5 3 3	1001
		1391
PHYSICAL CONDITION OF INMATES	NT . I	
	Numb 26	er
Males, blind	7	
Females, blind	38	
Females, bedridden	17	
Males, crippled		
Females, crippled	42	
Males, able to work		
Females, able to work.	54	
Males, convalescent	40	
Females, convalescent	14	
Males, mentally incompetent		
Fales, mentally incompetent		
Males, old and infirm		
Females, old and infirm.		
TAILORING DEPARTMENT—INMATE LABOR		1391
Men's coats repaired		422
Men's vests repaired		189
Men's pants repaired.		
Men's shirts repaired.		
Med 6 Smits Tepunea		
		1182
SHOE REPAIRING DEPARTMENT-INMATE LABOR		
		1000
Men's shoes repaired		020
Women's shoes repaired		210
		1601
		1001
FARM REPORT—PRODUCED		
Cabbage, lbs.	57	7,000
Beets, sacks		60
Potatoes, sacks		
Parsnips, sacks		$^{25}$
Carrots, sacks		200
Turnips, sacks		109
Lettuce, sacks		34
Forage, tons		70
Onions, sacks		10
LAUNDRY WORK FOR YEAR 1915-16		
Plain Work	400	0,800
Starched Work		
Total for year	418	3,680

TABLE 31-Continued

RELIEF HOME EXPENDITURES, JULY 1st, 1915, to JUNE 30th, 1916

M TO T						
CIST	July	August	September	October	November	December
Source basis of the Control of the C	8.176.33	7.379.44	8,492.10	8,592.66	8,653.92	10,084.63
Substance	382.91	314.64	214.17	213.54	312.85	140.11
Audies and Rodding	894.29	499.58	595.14	753.12	925.65	647.62
	188.15	114.00	28.16	63.43	113.46	58.65
rower right	322.11	109.83	142.79	124.40	163.87	181.54
Ulugs T	17.50	30.00	38.50	84.75	88.50	11.10
Dauluty Stable	239.11	189.30	165.70	257.75	262.59	84.16
Sudule To international control of the control of t	437.36	786.29	315.54	782.04	746.66	334.60
Dalry	33.75	60.60	127.88	269.82	13.48	482.29
Darin.	955.22	847.58	854.45	1,013.03	956.40	877.66
Carago		79.25	48.17	104.28	45.39	119.83
Renairs—						
Oudingua	209.63	319,05	696.02	645.45	280.89	490.06
Wehislan and Hamass	31.44		5.50	8.74	11.35	11.55
Machines	173.75		53.83	22.60	14.40	40.00
Machinery	244.75	33.42	26.94	235.06	72.98	166.12
	146.74	113.02	269.68	173.87	172.58	9.85
Comstruction	:		67.93	290.00		110.00
Equipment Pay Roll	5,554.50	5,538.00	5,548.37	5,512.84	5,576.50	5,600.85
	18,007.54	16,414.08	17,690.87	19,147.38	18,411.47	19,450.62

1916						
	January	Pebruary	March	$\Lambda_{ m pril}$	May	June
Subsistence	8,233.03	8,722.54	9,232,99	8,561.04	8,778.24	10,257.04
Sundries	238.92	244.76	155.29	190.56	199.42	173.95
Clothing and Bedding	828.96	734.96	528.74	608.82	1,248.87	588.11
Power Plant	82.32	144.39	46.65	137.61	80.14	227.73
	124,64	282.50	2.18.38	177.06	198,25	175,45
Landry	13.04	77.40	13.1,0.1	33.40	92.00	64.07
Stable	150.24	201.38	204,48	177.85	342.10	44.25
Tarino	250.69	249.34	1,034.92	514,09	613,45	295.81
Parm	280.08	111.38	138.17	211.82		41.80
Finel	1,216,43	844.47	857.99	737.01	860.80	896.34
Garage	47.62	5.00	141.07		1,024.40	58.50
Repairs-						
Ordinary	926.73	457.07	683.42	567.89	1,394.37	716.28
=		16.18	41.98	31.68	25.00	65.41
	23.00	92.70	14.76	13,33	148,39	44.55
	38.14	449.26	153,07	184.73	71.06	128.18
Pay Boll	5,501.35	5,570.10	5,599.72	5,591.00	5,456.00	5,531.01
	17.945.19	18,203,43	19,215,67	17,737.89	20,532.49	19,308.47

### TABLE 31-Continued

### JULY 1st, 1915, TO JUNE 30th, 1916

Subsistence	105,153.96
Sundries	
Clothing and Bedding	8,853.86
Power Plant	1,284.68
Drugs	2,250.82
Laundry	
Stable	2,318.91
Dairy	6,360.79
Farm	
Fuel	
Garage	
·	_,
Repairs— Ordinary	7.386.86
Vehicles and Harness	
Machinery	
Autos	
Construction	
Equipment	
Pay Roll	66,580.24
	222,065,10
Water Cost	1,850.56
	223,915.68

### RELIEF HOME EXPENSES, JULY 1st. 1915, to JUNE 30th, 1916

Subsistence for one year	105,153.96
Subsistence for one month	
Subsistence for one day	
Subsistence for one inmate per day	.207
Clothing and Bedding for one year	
Clothing and Bedding for one month	
Clothing and Bedding for one day	
Clothing and Bedding for one inmate per day	.017
Maintenance of total inmates per day	
Weintenance of one inmate per day	

TABLE 32

REPORT OF THE INSPECTOR OF INDIGENTS, FISCAL YEAR 1915-16

	Ę			19	1915					1916	9		
	10021	July	Aug.	Sept.	Aug.   Sept.   Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Mar.   April   May	May	June
Number of applicants receiving care Number of investigations	7121 8933 1821	511 680 124	555 762 163	532 678 163	482 600 50	480 591 59	651 734 157	692 874 174	673 765 201	678 905 227	606 731 157	672 860 188	589 753 158
Total	17875	1315	1480	1373	1132	1130	1542	1740	1639	1810	1494	1720	1500
Cash collected for care of patients	\$158.00	\$15.00	\$15.00				\$65.00				\$15.00	\$15.00	\$33.00

TABLE 33

REPORT OF CITY PHYSICIAN

				1915	12					1916	9		
	Total	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Field Work— Visits to residences— Treated at office—	878 672	63	64 46	77	8 원	≅ %	<b>€</b> €	101 59	85 16	74	67 45	68	45
Total	1550	- 6	110	116	110	139	127	160	173	152	. 112	140	114
City Prison Work— Visits to city prison. Patients treated	314 1055	88	27 97	85.8	95 85	26 94	88 83	27 95	82 83	26 93	73	26 93	26 85
County Jail Work— Visits to jail Patients treated	287 1170		27 60	678	83 83	26 87	26 150	140	25 118	88	$\frac{26}{110}$	36 115	26 105
Examination of accidents under Liability Act	115	<b>∞</b>	11	6	12	7	7	ಣ	9	=	9	17	18
Investigation of accidents Municipal Railway	103	10	19	13	11	8	10	-	ю	6	9	4	
	4594	221	351	342	363	387	429	459	434	452	360	421	375

# DIVISION OF VITAL STATISTICS

### FISCAL YEAR 1915-16

Estimated Population (1916)	
Estimated Population U. S. Census (191	4)448,502
Deaths registered	
Total Deaths	7,249
Less Children under 1 week	206
Non-Residents	769
Deaths, External Causes	
Net TotalNet Annual Death Rate pe	5,534 or 1000 Population, 11.06.
Deaths by Sex.	By Color.
Males	White         6,827           Black         74           Chinese         265           Japanese         83
By Social Condition.	By Nativity.
Single2,634	San Francisco
Married2,679 Widowed1,524	Other Parts of California1,021 Other States1,627
Divorced	Foreign Countries3,290
Unknown	Unknown 222
Births Registered Annual Birth Rate per 10	
Still Births Registered(Not included in Birth	
Marriage Licenses Issued (by County Cl	erk)

# ED. M. COFFEY STATISTICIAN

BIRTHS REGISTERED (STILL BIRTHS EXCLUDED).

PARENTAGE	Others	282222	ភាពឧត្តន	278
	United States Foreign	45 51 51 35	484848	498
MIXED	Anglo-Saxon	828328	33128	323
	Unascer- tained	080991	<b>₹40</b> \$€0	55
	Others	444 63 44 49	55 84 84 84 84 84 84 84	555
ď	Japan	######################################	888888 8888888	275
ENT	China	11.0000	988501	79
PAR	Scandinavia	2723327	534525	183
NATIVITY OF PARENTS	‡Italy	28 5 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	51888588 8888888	1152
TIVI	France	27 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000041-1-	89
NAT	† Germany	8222328	88888	304
	*Ireland	6588886	788 888 44 888 888 44 888 888 44	465
	Gt.Britain.	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	41 02 11 12 15 15	157
	U. S	279 279 289 289 276	309 279 265 265 288	3367
Tri	iplets (sets)	100000	000000	-
Tw	ins (pairs)	00 00 00 00 00 00 00 00 00 00 00 00 00	D 10 10 10 10 10 10 10 10 10 10 10 10 10	5
	Japanese	288822	522222	277
闰	Chinese	288825	822222	225
RACE	Black	TH8800	010533	17
	White	619 543 644 576 645 603	660 601 605 570 597 598	7261
×	FEMALES	336 288 319 318 318 318	327 269 316 318 290	3717
SEX	MALES	318 290 370 304 372 335	375 379 350 297 343 330	1063
То	TALS	654 678 622 690 636	702 648 666 615 633 647	7780
	MONTH	July	January Pebrnary March May June	Totals

\* Includes 155 Irish-U. S. born parentage. † Includes 198 German-U. S. born parentage. † Includes 181 Italian-U. S. born parentage.

#### STILL BIRTHS

Total	Male	Female
1915—July	12	7
August 8	5	3
September	8	5
October	8	5
November18	7	11
December	9	14
1916—January	14	10
February	13	12
March	11	10
April	10	6
May	9	11
<u> </u>		
220	118	102
June 20	12	. 8

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS. TABLE NO. 1.

During the Fiscal Year Ending June 30, 1916.

	1	June	M.F.	7,219 4,519 2,730(8401778):10 217817 227 551 232 381 226(136)2754/76 2956778 223408 239877 226 352 206	82842842 542 E	5 1 1
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		Apr.	7	_ <u>8</u>	58884894 844 I	
- N	1916		M.		96 52 53 52 52 53 53 55 55 55 55 55 55 55 55 55 55 55	1 1 1 1 2
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		Oct.	F.	_8	********	1 1 1 1 1 11
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	13	Sept.	M.F.	22.7	2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<u> </u>
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9	GRAI	ND TO	TALS	916	2 964 2 557 2 557 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9 95-
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		CAUSES OF DEATH (International Classification)		DEATHS FROM ALL CAUSES.	Genoral Diseases System Diseases of Nervous System Diseases of Circulatory System. Diseases of Respiratory System. Diseases of the Digestive System. Diseases of the Digestive System. Diseases of the Bones Malformations Diseases of the Bones Malformations Diseases of Barly Infancy. Affections Produced by External Causes Illusted Causes T. General Diseases	Typhoid fever Typins fever Relapsing fever Malaria Smallpox Scarlet fever Whooping cough Diptheria
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ary fever ttic cholera chera paragram enter paragram on fever on f	Pyemia—Unqualified Anthrax Rabies Tetamus Fellowing infected wound, Following wound of hand. Mycoses (fungoides) Pellagra Arette military fulbereulosis. Tubereulosis of the lungs. Tubereulosis meningitis. Peritonnal Peritonnal Petit's disease— (Tuberculosis of spine)
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Miliary fever Asiatic cholera Cholora nostras Dysentery Plague Eprysplow fever Leprosy Chlow fever Leprosy Pellow fever Pellowing decubitis Following needle prick, Following needle prick, Following needle prick, Following pretect woun Following prick and fellowing purise of foot, Following pricked woun Following staphylococcie Chlowing staphylococcie Following staphylococcie	Pyemis—Unqualified—— Glanders Rabies Rabies Tetanus Following infected woun Following wound of has Woodses (fungoides) Pellagra Tuberculosis of the lungs. Acute miliary thereulosis. Abute miliary thereulosis—in Peninnal Peninnal Peritonal Peritonal Peritonal Peritonal (Tuberculosis of spine).
Millary fever  Cholora nostras  Obsentery  Pague  Person  Person  Person  Person  Pollowing infection and  Following rectle profesor  Following scratch or  Following prectle profesor  Following prectle profesor  Following man of Following prectle profesor  Following man of Following prectle profesor  Following man of Following plugges of Following prectle profesor  Following man scratch or Following man especial profesor  Following man espatylower  Following gaphyloce  Following staphyloce  Following	Pyemia—Unqualified thrax thrax thrax folios folios folios folios foliowing infected v Following wound of roses (fungoides) lingra libera bercalosis of the lun to miliary thereval the miliary thereval bercalous meningtis for the lun to miliary thereval the foliosis of spi tt's disease— (Tuberculosis folional tt's disease— (Tuberculosis folional foliosis of spi
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OLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS. TABLE NO. 1-Continued.

CAUSES OF DEATH   Part   Par	Sarcoma of stomach
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shock) female genital organs— (operative shock)— f uterus f uterus f vægina breast f jenest	r tue skull na of face. other or un didder (urina) ni hucy ynx ynx diastinum diastinum diastinum diastinum eleen npout regio n
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Character of rectuming the control of the female genital organs- Of uterus (operative shock) Of uterus (operative shock) Of varian Sarcoma of uterus Sarcoma of vagina Character of the breast.	Only on the NAID— Of one of thee Of thee Sarcona of face. Of pander or unspecified organs Of pander (urinary) Of groun Of lumbar region Of mediastinum Of nuck Of prostate Of
Cancer of reculum  Cancer of the female genital organs— of uterus (operative shock) of ovary of vargina Sarcona of uterus Sarcona of vagina Sarcona of breast.	: _
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CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS. TABLE NO. 1-Continued.

	Du	ring	the	Pisc	ıl Ye	ar En	During the Fiscal Year Ending June 30, 1916.	une 3	0, 18	16.								¥
		GRA	MAL	FEM.			-	1915					-	1916			_	1
	CAUSES OF DEATH	ND TO	ES	ALES	July	Aug.	Sept.	Oct.	Nov.	. Dec.	Jan.	Feb.		Mar. A	Apr.	May	June	2 )
	(International Classification)	TALS			M. F.	. M. F.	M. F.	M. F.	M.	F. M. F.	M. F.	M.	F. M.	F M.	E.	M. F.	M. F.	E ,
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46.	tal organs)										Ш					H		
47.	Acute articular rheumatism Chronic rheumatism and gout	+10 oc	2110		-		-	-	-	-				-			ř.	- - ; ; -
2.05 2.05 1.05	Scurvy Diabetes Exonhthalmic goitre	101	20		00	21 	ਚ 10	7	9 -	-1	কল ভঞ	20.51 4. :	တ <u>်</u> က —	a -	70 21	n :	2 -	7 : :
52.53	Addison's discase Leukemia		81 g	-141	£	#			नं तर्ग क संस्कृत				C1	- 61	: m	67	- :	63 FI
54. 55.	Anemia, chlorosis Other general diseases (acidosis) Paremra hemorrhagica	 5	_	1			·	1			C1 C	- 0	-			╬	2	
56. 57.	Alcoholism (acute and chronic) Chronic lead poisoning	15 cs	•	- ()	m	.o	.o	-	n 70	7	2	•	r :	1			-	
98 98 98	Other chronic potentials									-				_		_	<u> </u>	:
ij.	. Diseases of the Nervous System.									_			-	_				
60.	Encephalitis Absess of brain	<del></del>	चला	<del></del>	- est		c	-		-	-	_			22			
61.	(1)	- 	<u>- 67 I</u>	<u> </u>		F	q :	-	1			21	-			+		<u> </u>
	(2) Cerebrospinal meningitis	1.2 :	<del>- 4</del>	<del>F 33</del>	6	<u>.                                    </u>	1			The state of the s	_		_	_	=	$\dashv$	_	-

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Locomotor ataxia Other diseases of spinal cord— Acute ascending paralysis. Myelitis, transverse Myasthenia gravis Paralysis agitans Paralysis ublar Polomyelitis Spina birda Spina birda Schowsis, lateral	Cerebral hemorrhage, ap Softening of the brain Paralysis without specified Hemiplegia General paralysis of t		Oner unsense of the nervous system Sclerosis of brain	Diseases of the Circulatory System.		Ang Dis	Endarteritis Embolism and thrombosis
62. 63.	64. 65. 66.	68. 70. 72.	75.	H.	78.	80. 81.	82.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS. During the Fiscal Year Ending June 30, 1916. TABLE NO. 1-Continued.

		GRA	MAI	FEM				1915	12						13	916			
	CAUSES OF DEATH	ND TO	LES	ALES.	July	Aug.	Sept.		Oct.	Nov.	Dec.	Jan.		Feb.	Mar.	Apr.	May		June
	(International Classification)	TALS			M. F.	M. F.	. M. F.		M. F. N	M, F. M.	M. F	F. M. F.		M. F. M. F.		M. F.	M.	Ξ. Ξ	M. F.
83.	Diseases of veins (phlebitis)  Diseases of lymphatic system— Abseess auxiliary gland. Adentits, suppurative Enlarged thymus	9 11 1	· · ·	S								<u>- 11</u>	<u> </u>						1
85.	Status lymphaticus Hamorrhage, other diseases of circu- langury system Diseases of the Respiratory System.																		
86. 87.	Diseases of the nasal fosses Diseases of the larynx (laryngilis)		24		- 6			<u>:</u>					- 2	<del>       </del>	, i	-		21	<u>-</u> ,
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93. 94.	Plenrisy Pulmonary congestion, pulmonary apoplexe	1 N 1	9 80 42						-				21 -						
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ν. 99.	Dis	<b>z</b> :																_	

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Pyorrhea Diseases of septicemi Vincents	Diseases of the æsophagus culum) Ulcer of the stomach (Operative shock)	(Uperanive sepsis) Other diseases of ston excepted) Gastritis, acute Dilation of stomach	CHMMQF	Diarrhoea and enteritis over)— Diarrhea Enteritis Gastro-enteritis Ileo-colitis Duodenal uleer	Ankylostomiasis Intestinal parasites (Trichinosis) Appendictis (Operative shock) Hernias Intestinal obstructions (Operative shock) Intestinal obstructions (Operative shock) Intustinal obstructions (Operative shock) Intustinal obstructions Volvulus	Other diseases of the intestines (fecal fistula) Ischiorectal abscess Ulcer duodenum (Operative shock) Tumor of intestines. Prolapse of rectum
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CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS. During the Fiscal Year Ending June 30, 1916. TABLE NO. 1-Continued.

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24. Nov. Dec	Jan. M. F.				
F. M. 132 E. M. 1. 22. 1. 1. 22. 1. 1. 22. 1. 1. 22. 1. 1. 22. 1. 22. 1. 22. 23. 23. 23. 23. 23. 23. 23. 23. 23	M. F.		Mar. Apr.	May	June
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Pyonephrosis Cystic kidney (operative shock) Cystic kidney operative shock) Diseases of the bladder— Abseess of the bladder— Chronic eystitis (stricture of) Diseases of the uretha (stricture of) Diseases of the prostate (hypertrophy of) Operative shock) Abseess of prostate Absees  of prostate	Organs Uterine hamorrhage (nonpaerperal) Uterine hamorrhage (nonpaerperal) Pibro-myoma of Coperative shock) Other diseases of the uteras (prolabsees) Septicemia following infection (nonpaerperal) Menopause Gysts and other tumors of the ovary. Salpingths Salpingths (Operative shock) Nonpaerperal diseases of the breast (cancer excepted)	VII. The Puerperal State.  Abortion (self-induced)  Abortion (criminal)  Extra uterine nregnancy.  Pernicious vomiting of  Purperal hemorrhage (placenta  previa) Other accidents of labor.  Cesarian section  Prolonged labor
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Pyonephrosis Cystic kidney (operative shock) Tumor of kidney (culi of the urinary passage— (Operative shock) Abscess of the bladder— Abscess of the uretha (stricture cases of the prostate (hypertrop of) (Operative shock) (Operative shock) (Operative shock) Abscess of prostate— (Abscess	nreneral ussaess strine than the memory as a region of the memory as a	II. The Puerperal Sti bidents of pregnancy— Abortion (criminal) Abortion (criminal) Extra uterine pregnance Perpenal hemorrhage previal hemorrhage previal per accidents of labor Per accidents of labor Perlonged labor
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Pyonephrosis (operative shall of year kidney coperative shall of the urinary passage (Operative shock) Diseases of the bladder— Abseess of Chronic cystitis Diseases of the uretha (strict of the coperative shock) (Operative shock) Abseess of prostate (hype of the coperative shock) (Operative shock) Tumor of prostate Tumor of prostate	Uterine hamorrhage (nonpure) Uterine tumor (noncanerous) Fibro-myoma of (Operative shock) Other diseases of the uteras lapse of (Toperative shock) Comprehend Comprehend Comprehend Menopause Menopause Cysts and other tumors of the of Cysts and other tumors of the of Tubo-ovarian cyst Tubo-ovarian cyst (Comprehend) Cancer excepted)	VII. The Puerperal Accidents of pregnancy- Abortion (self-induce Abortion (reminial) Extra uterine regrap Pernicious vomiting Puerperal hemorrhag Other accidents of labor Cesarian section Prolonged labor
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CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS. TABLE NO. 1-Continued.

		GRA	MAL	FEM.				_	1915								.	1916				
	CAUSES OF DEATH	ND TO	ES	ALES	July		Aug.	Sept.		Oct.	Nov.		Dec.	Jan.		Feb.	Mar.		Apr.	May		June
	(International Classification)	TALS			M. B	F. M.	14	M. F.	M.	M. F.	M. F.	Ä.	12.	M. F.		M. F.	M. F	F. M.	≟.	м. Б	F. M	M. F.
137.	Puerperal septicemia Puerperal albuminuria and convul- sione	-5;-5		12			T31-			:: -	- :	<u> </u>		-			: :	-,1		-		
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140. 141.	Following childburth (not otherwise specified)  Puerperal diseases of the breast					+		+			-	- -		- -	-		+	-#		+	+	11
142.	VIII. Diseases of the Skin.	50.	C1 -	_					<del>-</del>		-						-					
143.	Raynaud's disease Furnnele (carbuncle)					-						-										
144.	Acute abscess (multiple) Of cervical glands								_						#			#		+	4	
	Cellulitis face (scratch of mail) Cellulitis hand (septicemia fol.) Pemphigus neonatorum							H	-						╫		$\mathbb{H}$				+++	
	Pemphigus foleaceas Ulcer leg (septicemia following) Pituriasis rubia																	Н.			+++	-
146.	Imperigo (septieemia iollowing)  IX. Diseases of the Bones.  Diseases of the bones (tuberculosis					<del> </del>		<u>.</u>					:									
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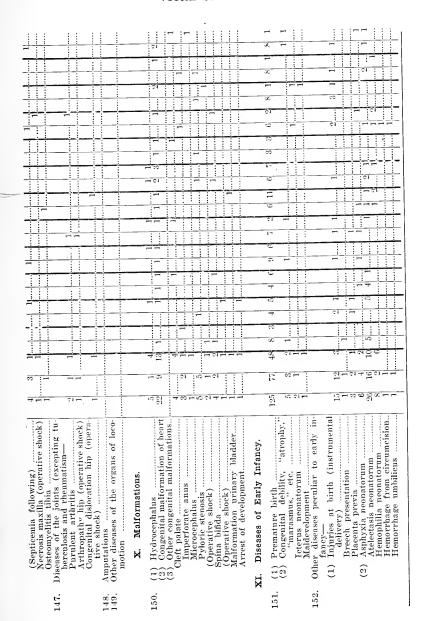


TABLE NO. 1-Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS. During the Fiscal Year Ending June 30, 1916.

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	CAUSES OF DEATH	(International Massincation)	Melena neonatorum Inspiration of food. Inspiration of vonit. Infection unbilieus Suffocation under bedelothes. Suffocation (overlaid) I. Lack of care.	XII. Old Age.	54. Senility Affections Produced by External	: • • • • • • • • • • • • • • • • • • •
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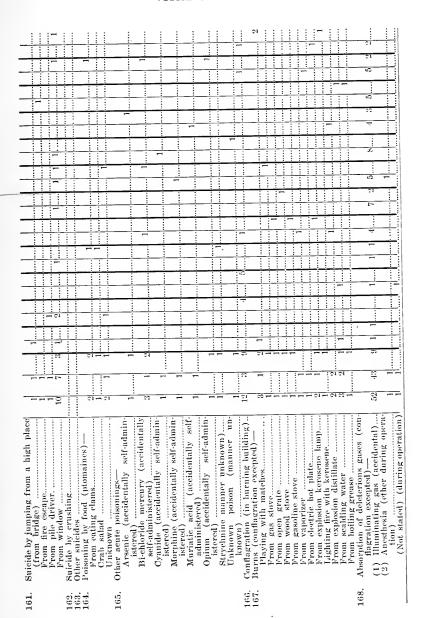


TABLE NO. 1-Continued.

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from staging  Down stairs From (elegraph pole From (elegraph pole From window On iron stake Traumatism in mines and quarries (Explosion in mine) In mine, fracture spine (manner unknown) In quarry, fracture spine (manner	Trautmatism by machines— Chushed by elevators. Crushed by elevator counterweight In elevator machinery Struck by broken by Crushed by traveling evane.	a. Railroad arcidents and mjuries— Struck by locomotive— Run over by frain— Run over by frain— Fall from handeur— Fall from locumotive— Crushed between rar and platform	b. Struck by cable car.  Struck by cable car.  Fall trom electric car.  Run over by electric car.  Struck by electric car.  Hurled from runaway car.  Collision between electric car and wagon	ic, Antomobile accidents and injuries— Run aver by auto Struck by auto Crushed by overturning auto— Fall from moving auto— Collision bet, auto and electric can Collision bet, auto and motoreyele Injured by exploding tire—
173.	174.	175a.	175b.	1756.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS. TABLE NO. 1-Continued.

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## TABLE No. II. REPORTS OF DEATHS REGISTERED DURING

		GRAND		MALES	FEM													Ву
	Causes of Death			ES:	FEMALES	l	1	П	te	o 1	i bi	)	t	0	1 to		2 to Yr	
(	International Classification)	TOTALS		1	Ŧ,	V,	eel	ζ.	1 N	ſo.	6 M	os,	1	r.	3,1	ъ.	-1	<u>-</u>
		ALS				М	. <b>F</b>		М.	F.	М.	F.	Μ.	F.	М.	F.	М.	F.
D	EATHS FROM ALL CAUSES.	7,2	49	4,519	2,730	12	1 8	35	45	32	83	59	49	89		39		
I. III. IV. V. VI. VII. VIII. IX.	General Diseares Diseases of Nervous System. Diseases of Circulatory System. Diseases of Respiratory System. Diseases of the Digestive System. Diseases of Genito-Urinary System. The Puerperal State. Diseases of the Skin. Diseases of the Bones. Malformations	1,3 8 5 7	67	1,291 292 803 548 360 463 10 8 20	31 19 26 5	5 9 0 8 4 5	1	 12	1	7 5	1 1 28 25 1 	9 3 18 17 1 1 1 7	3	18	4 5 24 8 4	14 2	3 9 2	3 1 7
XI. XII. XIII.	Diseases of Early InfancyOld Age Affections Produced by Externa	i	55	14	4	1							ļ		1 1		1	4
XIV.	Causes		140 1	585 1	15 	 				 			ļ		ļ			
	I. General Diseases.			•									İ					
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4. 5. 6.	Malaria Smallpox Measles		ŏ			1		•••					J					1
7. 8. 9. 10.	Scarlet fever Whooping cough Diphtheria Influenza		21 109	63	1	8			1		3			2 2	1 1	2	3 1	1 4
11. 12. 13. 14.	Miliary fever		•••••			2		 										
15. 16. 17. 18.	Plague Yellow fever Leprosy Erysinelas (idionathic)		11		i	5										1	Ţ	
19. 20.	Other epidemic diseases Purulent infection and septicemia. Following decubitis Following infection, arm		1 1		1						-							
	Following needle prick, finger. Following scratch on hand. Following infected wound, leg Following bruise of foot Following burn of hand		1 1		1 2 1						1		:					
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	Following phlegmon of legs Following cellulitis of leg Following staphylococcie cellul tis	i-	j	i   	1	1			ļ									
	Following streptococcus infectic Pyemia—Following scratch of hand Pyemia—Following injury to le Pyemia—Unqualified	n	-	1	2 1 1							.						
21. 22.	Anthray			1	i						· .	1						
23. 24.	Rabies Tetanus								- <b> </b>		<b>.</b>	-						

#### TABLE No. II-Continued.

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TABLE No. II-Continued.

	GRAND	MALES	Fем												Ву
CAUSES OF DEATH	UND	ES	EMALES		ler			1 M				1 to	2 5	2 tc	3
(International Classification)	To		S:	1  Wee	ek	1 N		to Mc		to 1 Yr	- 1	Yr		Yr	
(International Classification)	TOTALS	1		IΠĨ				M. E	7		П	NE	E.		17
	i Sa		<u>:</u>	м.	ь.	м.	r	M. F	1	M. F		м.	F.	M.	F.
Following infected wound, arm.	1									.					
Following wound of hand	1 1	1	I												
26. Pellagra	. 1			ļ								·····			
27. Beriberi	. 788	598	190			1			ï	1	:::	1	'''i		2
29. Acute miliary tuberculosis	26	18	, ,					L		4			;	2	9
30. Tuberculous meningitis	74	47	27					2				11		4	1
Peritoneal	23	12	17						2		2	2			2
32. Pott's disease— (Tuberculosis of spine)	. 11	6												1	
33. White swellings-		"	`	T					``T						
Tuberculosis hip-joint		$\frac{2}{1}$		1										••••	
Tuberculosis of joints	1	_ ^		1	••••										
Lymph-glands of neck	5	$\frac{2}{1}$	1	3					••••		•••		••••		
Of bones of footOf kidneys				il											
35. Disseminated tuberculosis		3									••••	<sub>1</sub>			
36. RicketsOsteomalacia						<b></b>						ļ			
37a. Syphilis—congenital	19			3	5	1	-1	4	-4	2.					
37b. Syphilis—acquired	$\begin{bmatrix} 27 \\ 2 \end{bmatrix}$	19		1											
39. Cancer of the buccal cavity				ļ		ļ								ļ	
Of lip Of maxilla	9	1													
Of maxilla (operative shock)	1					.l		l.							
Of mouth	- 1			1		····			••••		••••	l		l::::	
Of palate Of tongue	11					. <b>.</b>									
Sarcoma of maxilla	183		1	2 <b>]</b>											
40a. Cancer of the stomach(Operative shock)	103			1		.J						ļ			
(Operative shock)	$\begin{bmatrix} 1 \\ 9 \end{bmatrix}$					1					••••	ļ		ļ	
Sarcoma of stomach						1									
(Operative shock)	1	. 1									••••			···	
41a. Cancer of the peritoneum, intestine	S 49	2	2	4l		ļ						ļ		ļ	
Of intestines (operative shock)	}							···				ļ			•
Sarcoma of intestines		18		<del>1</del>		1						ļ		ļ	
(Operative shock)	1			1				····	••••	·····		ļ	·	·	
42. Cancer of the female genital organs— Of uterus	78	3	. 7	3		l	ļ					ļ	ļ	ļ	
Of uterus (operative shock)	6	3		6						-		·	·	·	
Of ovary	I (	§				1						ļ		<b>†</b>	
Of vagina Sarcoma of uterus	j	i		1										·	
Sarcoma of vagina43. Cancer of the breast		l  3		1 3		1						1		Ì	
Sarcoma of breast		2		2											
44. Cancer of the skin— Of ear	١,		1			1						<u> </u>		<u> </u>	
Of face	6	3	3									ļ			
Sarcoma of face	3	1	1			1					••••	†···		<b>†</b> ···	
45. Cancer of other or unspecified organ	9	) :	8	1				ļ		<b></b>		.ļ		ļ	
Of bladder (urinary) Of groin	- 3	J	i	1										1	
Of kidney Of larynx		7	6	i	ļ									Ţ	
Of lumbar region	2] :	1	-	1	·		· ····				••••	·}···	·	ł	
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Of lung		CAUSES OF DEATH	GRAND T		LES	EMALES	1		l t	0	t	0	t	0				
Of lung	(I	nternational Classification)	OTA								1				-	-		_
Of mediastinum			\ \frac{\partial}{2}	2			М.	F.	Μ.	F.	Μ.	F.	Μ.	F.	М.		M.	F.
Of neck		Of lung			2	2	ļ		ļ		<b> </b>		ļ	ļ	ļ	ļ		
Of penis         2         1<		Of mediastinum		7							ļ						<b></b>	
Of penis		Of arhit		i	1						I						ļ	ļ
Of prostate   Second   Of prostate   Of prostate   Of prostate   Of prostate   Of spine   Of spine   Of spine   Of spine   Of spine   Of spine   Of temporal region   Of temporal region   Of temporal region   Of testicle   Of thyreoid   Of thyreoid   Of thyreoid   Of saila   Of saila   Of brain   Of saila   Of brain   Of brain   Of brain   Of brain   Of spine   Of temporal   Of temporal   Of the spine   Of				2														
Of prostate (operative shock)		Of pharnyx	-1	5	5													····
Of spine		OI prostate	-1		8													
Of spleen         2         1         2         2		Of prostate (operative snock)	-		1													
Of temporal region		Of spleen		2	i	1							ļ		J		.l	
Of thyreoid   1		Of town and nomion	1				1		·									
Of axina		Of testicle	-	7.1	1			·										
Of axina		Of thyreoid	-			1	1	····			1	· ····	·}····		1		1	
Of brain   Of brain   Of brain   Of brain   Of prain   Of eye   1		Sarcoma—Of arm	١.						·· ···		1		1		1		1	1
Of brain (operative shock)		Of brain					1				Ţ		J				.l	
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Of femur		Of eve	-1		1													
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Of kidney		Of groin			••••••	il .	-j			•-	·   · · · ·							
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Of mediastinum		Of lung			1	i	Ţ				. <b>.</b>							
Of neck		Of mediastinum		2			1				ļ							
Of orbit		Of neck			3	3											·· ···	
Action   A		Of orbit		2	- 3	<u> </u>				- 1							··†···	
Or mediastinum		Of testicle		1		· ·····		·- ···			··•					1		
Or mediastinum	46.	tol organs)						.l										
Acute articular rheumatism   5   2   3   3   4   4   4   5   5   5   5   5   5   5		Of mediastinum				1												
48		Of parotid					1		∤							·· ··•		•• ••
104   51   53   53   53   53   54   55   55   55		Acute articular rheumatism		-		2	ğ		···ŀ··								. †	
104   51   52   53   53   54   55   55   55   55   55		Chronic rheumatism and gout		0	١ '	الا	ə											::  <u>:</u>
51. Exophthamic gottre		Dishotos		104	5	il :::	53											
52		Example gaire				1 :												
1		Addison's disease					1											-
55. Other general diseases (acidosis)   3   3   3   1   2   2   5   5   6	53.	Leukæmia					.j									1		•• ••
56. Alcoholism (acute and chronic)		Anæmia, chlorosis										;; ···	···† '		···	2		
56. Alcoholism (acute and chronic).	55.	Other general diseases (acidosis).		5	1		2				il							
57.   Chronic lead poisonings   2   2	56	Alasholism (sente and chronic)					14											
11.   Diseases of the Nervous System.		Chronic lead poisoning		2		2					Į							···
59. Other chronic poisonings  II. Diseases of the Nervous System. 60. Encephalitis  Abscess of brain. 61. (1) Simple meningitis  Streptococcic meningitis  (2) Cerebrospinal meningitis  (3) Epidemic cerebrospinal meningitis  62. Locomotor ataxia  63. Other diseases of spinal cord—  Acute ascending paralysis.  Myelitis, transverse  Myasthenia gravis  Paralysis agitans  Paralysis, bulbar  Paralysis, bulbar  Poliomyelitis  1 1  Streptockie  1 1  Paralysis, bulbar  Poliomyelitis  1 1  Streptockie  1 1  1 1  1 1  1 1  1 1  1 1  1 1  1		Other chronic occupation poisonings				∤	·	-			··· ···		·-  -	••• ••	… …		•••	•••
60. Encephalitis	59.	Other chronic poisonings		• • • • • •			··· ··	•• ••	~†				···†·	··· ··				
Abscess of brain.  Abscess of brain.  (1) Simple meningitis.  Streptococcic meningitis.  (2) Cerebrospinal meningitis.  (3) Epidemic cerebrospinal meningitis.  (3) Epidemic cerebrospinal meningitis.  62. Locomotor ataxia.  Acute ascending paralysis.  Myelitis, transverse.  Myasthenia gravis.  Paralysis agitans.  Paralysis, bulbar.  Poliomyelitis.  Poliomyelitis.  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	II.	Diseases of the Nervous System.			ł	1	- [	1	-1	İ	1		ļ	-	-		-	1
Abscess of brain	60	Encanhalitis				3	1									2		·
61. (1) Simple meningitis  Streptococcic meningitis  (2) Cerebrospinal meningitis  (3) Epidemic cerebrospinal meningitis  62. Locomotor ataxia  63. Other diseases of spinal cord—  Acute ascending paralysis.  Myesthenia gravis  Paralysis agitans  Paralysis, bulbar  Poliomyelitis  Poliomyelitis  1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00.	Abscess of brain					3				:		1	·	·::[··	•••	·-;	··· ·
Corebrospinal meningits   Corebrospinal meningits   Corebrospinal meningits   Corebrospinal meningits   Corebrospinal meningit   Corebrospinal meningit   Corebrospinal meningit   Corebrospinal meningit   Corebrospinal meningit   Corebrospinal meningit   Corebrospinal meningit   Corebrospinal meningit   Corebrospinal meningit   Corebrospinal meningit   Corebrospinal meningits	61.	(1) Simple meningitis					-7I							- 1				
(2) Cerebrospinal meningits (3) Epidemic cerebrospinal meningits (3) Epidemic cerebrospinal meningits (3) Epidemic cerebrospinal meningits (4) 2 2 17  62. Locomotor ataxia 21 17  Acute ascending paralysis 3 1 2  Myelitis, transverse 3 1 2  Myasthenia gravis 2 1 1  Paralysis agitans 2 1 1  Paralysis, bulbar 5 3  Poliomyelitis 1 1  Stive bi6de 1 1		Streptococcic meningitis																ï.
tis  62. Locomotor ataxia  63. Other diseases of spinal cord—		(2) Cerebrospinal meningitis	-i-	•		1	1				``I''		- 1	.	- i		1	
62. Locomotor ataxia 63. Other diseases of spinal cord—		tis					2					]		`1				
63. Other diseases of spinal cord—	62.	Locomotor ataxia		21	1	17	4	.				•				•••		•••
Acute ascending paralysis.		Other diseases of spinal cord—	- [	-		,			- 1		-		- [					
Myeltits, transverse       1       1         Myasthenia gravis       1       1         Paralysis agitans       2       1       1         Paralysis, bulbar       5       3       2         Poliomvelitis       1       1         Styles bifds       1       1		Acute ascending paralysis						···ŀ	····ŀ									::: :
Paralysis agitans 2 1 1 Paralysis bulbar 5 3 2 Poliomyelitis 1 1 Spine bifda 1 1		Mydlifis fransverse	1				1	··· ·	:::t							[		].
Poliomyelitis 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Myastnenia gravis		- 3	2	1	1.		1				[.					.
Poliomyelitis 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Paralysis agitans					2.	[.	J.							- 1		
Chine hifide				-	ı			-	∤				···- -			- 1		-
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Tumor of spinal cord. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		Tumor of spinal cord		-	3	1 3	9	··· ·	····†	••••	::: :	.	:::†			<u> </u>		::: :

#### TABLE No. II-Continued.

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64.	Cerebral hæmorrhage, apoplexy	390	192	198			ļ				ļ		ļ	ļ	ļ	
65. 66.	Softening of the brain Paralysis without specified cause	20	7	13			ļ			 						
	Hemiplegia	10	4	E			ļ								ļ	
67.	General paralysis of the insane (Paresis)	9	7	2						ļ			l		<u> </u>	
68.	Other forms of mental alienation (Dementia, praecox)	1	1													
69.	Epitepsy	13	7													
$70. \\ 71.$	Convulsions (nonpuerperal) Convulsions of infants	3					2			1			l:::		1	
72.	Chorea					.]							ļ			
$73. \\ 74.$	Neuralgia and neuritis Other diseases of the nervous system				†···		1	· ·····	ļ		† ···		ļ	····		·
	Sclerosis of brain	1	1		<b></b> .	.			ļ				.ļ		·;	
75.	Tumor of brain Diseases of the eyes and their adnexa	25	13	1:	4		1									-
76.	Diseases of the ears (Otitis Media).	6	4	:	2									1		
III.	Diseases of the Circulatory System														1	
77.	Pericarditis	24			อุไ		ļ				ļ		J			
$\frac{78.}{79.}$	Acute endocarditis Organic diseases of the heart	48	38	1	<u>ا</u>		<u> </u>		J		l:::			٠	·	
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	(2) Endocarditis, chronic	139		1	<u></u>			1	l:::		l		1		:   : : :	-
	(3) Fatty heart(4) Myocarditis, chronic	505	279	22	6						. <b> </b>		. <b>.</b>			
80. 81.	Angina pectoris Diseases of arteries, atheroma	- /2	46	1 2	٠		· †···		····		1		†	-	· ···	
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	Aneurism of aorta Arterio-sclerosis	$\begin{vmatrix} 28 \\ 91 \end{vmatrix}$					·   · · ·									
	Endarteritis				į											
82. 83.	Embolism and thrombosis	- 19		3	6 3				1				1::			
84.	Diseases of veins (phlebitis) Diseases of lymphatic system—	1.			1		1		ı				1	1	1	
	Abscess auxiliary gland	-			1	: ::			1							
	Adenitis, suppurative Enlarged thymus			:  	1				J		1			••	•••	
85.	Status lymphaticus Hæmorrhage, other diseases of circu					•-			1	1	1		٠,		1	-
	latory system			·	.				ļ		+		-∤			
IV.	Diseases of the Respiratory System				Т		1		1		1		П		1	
86. 87.	Diseases of the nasal fossæ		i		2	:: :::			1						2	
88.	Diseases of the thyreoid body						.		2							; ;
89. 90.	Acute bronchitis	. 4	7 1	4 1	3		::					ï	ī	.]		
91.	Bronchopneumonia	. 34	5 22					7	4 1			8 5		5		2 2
92. 93.	Lobar pneumonia Pleurisy	. 38			8 		1.	٩	<u>.</u>	<u>'</u> ]	ŭ.,	<u></u>		2		2
94.	Pulmonary congestion, pulmonar apoplexy				•		Т		1		1		1			
95.	apoplexyGangrene of the lung			3 4	9				1				: ::			
96.	Asthnia	1		6	4						·					
97. 98.	Pulmonary emphysema Other diseases of the respiratory system (tuberculosis excepted)— Abscess of lung	3-	2	1	1											
v.	Diseases of the Digestive System.				1"						1					
99.	Diseases of mouth and adnex	a							1							
	(gangrenous stomatitis)		1	1	1	<u>.</u>	4	·· ···		<u> </u>	<u> </u>	<u>- </u>	<u>:</u>	<u>:- :</u>	<u></u>	

#### TABLE No. II-Continued.

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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

(International Classification)    The property of the pharynx (tonsillitis septicemia following)   The property of the pharynx (tonsillitis septicemia following)   The property of the pharynx (tonsillitis septicemia following)   The property of the pharynx (tonsillitis septicemia following)   The property of the pharynx (tonsillitis septicemia following)   The property of the pharynx (tonsillitis septicemia following)   The p			GR	MA	FЕ									-			Ву
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100. Diseases of the pharynx (tonsilitis, septicemia following)			Ħ	•	ES.	W	عاما	1 t	o Io	6 X	o Los	1 t	o čr.				
100. Diseases of the pharynx (tonsilitis, septicemia following)		(International Classincation)	TA.			1		_				. !			73		-
Septicemia following   Common   Commo			S			Μ.	F	М.	F.	М.	Р.	м.	Г.	М.	r.	MI.	F.,
Septicemia following   Common   Commo	100.	Diseases of the pharynx (tonsillitis,				١					ļ					١.	
101. Diseases of the asophagus (diverticulum)   102. Ulcer of the stomach.   40   31   9   9   9   9   9   9   9   9   9		septicemia following)			1			ļ						····		1	1
Culum   102. Ulcer of the stomach   103   103   104   105	101.	Diseases of the æsophagus (diverti-	1	1		ļ								1			
(Operative shock) (Operative sepsis)		culum)		1			ļ								ļ		
103, Other diseases of stomach (cancer excepted)—	102.																
excepted		(Operative sepsis)		1		. <b>.</b>		ļ									
Gastritis, acute	103.					1		1				1		1			
Diarrhea and enteritis (und. 2 yrs.)   Cholera infantum   Diarrhea   8   7   1   1   2   1   2   1   1   1   1   1		Gastritis, acute	10	7		3		. 1				ļ		2	1	ļ	
Cholera infantum		Dilation of stomach				Ч		·	····			····		†···		ļ	
Diarrhea   S	104.		3			ı <b>ļ</b>		ļ		2	1					ļ	
Entero-colitis		Diarrhea	8					···;		5	) 1	;		ļ <sub>i</sub>			
105. Diarrhoa and enteritis (2 years and over) —										ĵ	ĺ	1	i	1	. 1		
105. Diarrhoa and enteritis (2 years and over) —		Gastro-enteritis		3:		Ú		. !	5	1:	2 1:	4 8	3	3 8	3		
Overline	105	Ileo-colitis	4	1	1	1	L	1		ļ		1 1	١.	<u>ا</u>			·
Enteritis	105.							1	1	1				ı			
Gastro-enteritis		Diarrhea					·	<b>†</b> ···				ł::		1		···	i
Tleo-colitis			1		7	8				ļ		.ļ					. 3
Operative shock   1		Ileo-colitis	. 2		-	2	.,		.							····	. 1
107. Intestinal parasites (Trichinosis)		Operative shock)	1 10														
107. Intestinal parasites (Trichinosis)	106.	Alikylostomiasis						4				.ļ		.l			· ····
109a		Intestinal parasites (Trichinosis)			1												i
109a   Hernias   (Operative shock)   4   4   26   17   1   1   1   1   1   1   1   1	108.	(Operative shock)	] 8	3		3				. <b>ļ</b>			-l			ļ	.
109b. Intestinal obstructions	109a	. Hernias	- 10		~1										1	·}····	
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Intususception	1030	(Operative shock)	.] 8	5	2			J		.l							
110. Other diseases of the intestines (fecal fistula)		Intussusception	. 9							1	٠	1	1	1	1	1	
Ischiorectal abscess	110.	Other diseases of the intestines (feca	i			1				ı		1		1		1	1
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(Operative shock) Tumor of intestines Prolapse of rectum Stricture rectum Coccidioidal granuloma 11. Acute vellow atrophy of the liver. shock) 11. Cirrhosis of the liver (operative shock) (Operative shock) (Operative shock) (Operative sepsis) 11. Other diseases of the liver (abscess of) Inflammation of Cholecystitis Gangrene of gall bladder. Rupture of gall bladder. Rupture of gall bladder. 11. Simple peritonitis 11. Other diseases of digestive system (excepting tuberculosis, cancer) Sub-phrenic abscess of 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				5	4	1				.ļ		<b>.</b>		<b>.</b>			
Prolapse of rectum		(Operative shock)			:	1											
Stricture rectum		Prolanse of rectum				1				.l		[					
111. Acute 'ellow atrophy of the liver		Stricture rectum							·- ····	·		·	•-		•• •••		
112. Hydatid tumor of the liver (operative shock)	111	Coccidioidal granuloma															
Shock   110   79   31   114   114   114   115   116   116   116   117   117   118			e		_			1		ı		i		Т			
114.   Biliary calculi   24   9   15   6		shock)	- :			21		:  -:		1		:1::		:1:			
(Operative shock)												.					
115. Other diseases of the liver (abscess of)  Inflammation of Cholecystitis Gangrene of gall bladder Rupture of gall bladder  116. Diseases of the spleen (abscess of) 117. Simple peritonitis 118. Other diseases of digestive system (excepting tuberculosis, cancer) Sub-phrenic abscess  2 1 1		(Operative shock)	. !		;	6			•	··-							
Cholecystitis		(Operative sepsis)		1	1	ï		· [··		1		Π.	·   · ·	T			
Cholecystitis	115.			5		¦											
Gangrene of gall bladder		Inflammation of		න[ 9	9,,,,,,		**										
Rupture of gall bladder		Gangrene of gall bladder		1	.]	1				<b>.</b>							
117. Simple peritonitis 1 118. Other diseases of digestive system (excepting tuberculosis, cancer) Sub-phrenic abscess 2 1 1		Rupture of gall bladder		7		1											
(excepting tuberculosis, cancer)		Simple peritonitis														.	
(excepting tuberculosis, cancer) Sub-phrenic abscess 2 1 1		Other diseases of digestive system	n	1						1		1					
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Hemorrhagic pancreatitis		Hemorrhagic pancreatitis	<u> </u>	5	51	l					٠,١	<u>l</u>	<u> ا</u>		!	!	ا

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TABLE No. II-Continued.

		G	X	эŦ												By	7
		GRAND	MALES	FEMALES	<u> </u>	3	111	171- /	1 1	ro l	CM	02		_	i .	_	-
CAUSES OF DEATH	- 1		òi	LES	Und			νк.		10. 0	to			o 2 rs.	2 to Yi		i
(International Classification)	l	3	1	:	We	ek	1 )	Io.	6 N	los	1	r.			-		_
(2		TOTALS.			М.	F.	М.	F.	М.	F.	М.	F.	М.	F.	М.	F	
Carata		:		<u>:</u>						<u>'</u>	Γ	<u> </u>			Ì	Ī	-
VI. Diseases of the Genito-Urinary Syste	m.						١.		١,	١,			,	1	١,		
119. Acute nephritis		$\frac{49}{585}$	28 387	21	1 1		1		1	1			1 3		1'	1	••
120. Bright's disease		585	991	190	1		1						ļ		Ţ		
122 Other diseases of the kidneys a	nu				1		1	1		ì	ı	i i	l	1		١	
adnexa (Hydronephrosis)		3	1		<b></b>	ļ	1							1	1		
Pyelitis Pyelonephritis		3	2		11	.l	.l							.			
Pyonephrosis Cystic kidney (operative shock)		6	5		1 <b>I</b>				l							+-	•••
Cystic kidney (operative shock) Tumor of kidney		2 2	1		1		1				<b>.</b>		1				
123. Calculi of the urinary passage		2	í		1				J	-				-	•••••	. <b>.</b>	•••
(Operative shock)		1	1								·	· ····	·				•••
124. Diseases of the bladder—	- 1	1		l	ıl				١		1		J				
Abscess of		12			2				1								•••
125. Diseases of the uretha (stricture	of)	2	2			-			·		·		·	-			•••
126. Diseases of the prostate (hypertrop	phy				1		1		l		1		1	1	1		
of)		11	13	3					. <b> </b>		. <b>.</b>						•••
(Operative shock)		3	1 3	3				•-	ł		·	·-	1				
Abscess of prostateTumor of prostate		1	]	l			:1::				1						
Prostatitis		5	1	3													
127. Nonvenereal diseases of male gen	man						-	1	1		1		1	1	1	-	
organs								••••••									····
				i i		- 1		- 1		- 1		- 1	1	- 1		- 1	
Fibro-myoma of				1	19						·					···ŀ	••••
(Oberative shock)		-			41		·  ··				·†··		·†··				••••
130. Other diseases of the uteras (1 lapse of)	pro-	9	2		2		[				<b>ļ</b>						••••
Pelvic abscess		] ]		-	1											••••	••••
Septicemia following infect (nonpuerperal)	tion				1	İ	1		1		l		l		]		
(nonpuerperal) Menopause		-	l		e)	- 1	١.		- 1	- 1						•••	····
121 Cysts and other tumors of the ova	ıry		2 7		7										•••	· · ·  ·	••••
129 Salningitis		1:	2 1		12	•• ••											
(Operative shock) Tubo-ovarian cyst		:	2		2									.	∤.		
133. Nonpuerperal diseases of the or	east				1				Ĭ		ı		1		1		
(cancer excepted)					•••								·-				
VII. The Puerperal State.							-1				-		١		- [	Į	
134. Accidents of pregnancy— Abortion (self-induced) Abortion (criminal)				1	c	-		1			1	1	1				
Abortion (self-induced)			6 8	::	8	l										•••	
Extra literine pregnancy		1	4		4							••• ••		••• ••		••••	••••
Pernicious vomitiug 01			1		1		∳-		·ŀ·			··· ··	··· ·	••• -	····		
135. Puerperal hæmorrhage (place previa)	enta		4		4		].		. [				]				
136 Other accidents of labor							<u>ļ</u>						∤		••••	•••	
Cocarian section			1		- 1	··· ·	···· ·		···	… ⊷	···∤·	∤•	··· ·		t		
Prolonged labor		1	1 2 	••	12									[.			
137. Puerperal septicæmia 138. Puerperal albuminuria and con	IAMI.	1	1	1	- 1		- 1	- 1	н	- {				- 1	- 1		
\$10118		. ,	5		15	-	∤-		•••	··· ··	∤.		٠٠ŀ		····	••••	••••
139. Puerperal sudden death (acute a	myo.	1	1		1	].	].										
Puerneral phlebitis)		-1	1		1	[			∤.				٠٠٠ŀ٠		∤-	••••	• • • • • • • • • • • • • • • • • • • •
140 Following childbirth (not other	wise	1	1		1		1			-					[		
specified)						:::							[.				4.3
141. Puerperal diseases of the breast.																	

#### TABLE No. II-Continued.

															4	Age	s															
3 to 4 Yrs.		4	4 to Yı	o 5	To un 5 Y	ta de	l r	5 to Yr	10 s.	10 to 20 Yrs		- 30	20 to 30 Yrs.		to 0 rs.	40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs		χ1 80	0	90 to 100 Yrs.		10	100 as		Jn- scer- 'n'd	
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	Causes of Death	GRAND	MALES		FEMALES	Und 1	ler	1 1	Vk.	1 N	lo.	6 M	os.	1 t	o 2	2 t	-
/1	International Classification)	넝		- 1	ši :	We	ek	1 1	o Mo.	6 N	o Ios	1,	o Yr.	Y	rs.	Yı	:s. (
(,	international Glassification,	TOTALS				М.	F.	М.	F.	М.	F.	М.	F.	M	F.	М.	F.¹
	VIII. Diseases of the Skin.																
142.	Gangrene (of foot)		3 1	2	1			<u> </u>				<u> </u>		<u> </u>	-		
143.	Furuncle (carbuncle)	- [	1	1				.ļ	.	ļ				.l			
144.	Carbuncle (septicemia following). Acute abscess (multiple) Of cervical glands		1	1								. <b>.</b>					
	Cellulitis face (scratch of nail) Cellulitis hand (septicemia fol.).	-	1			11		.1		.1	1			. [			
	Pemphigus neonatorum		1	i		1			1					4			
	Pemphigus foleaceas		1	i		1	١	!									
	Pituriasis rubia Impetigo (septicemia following)		$\frac{1}{1}$	1		1	ļ					4			•• •••		
	IX. Diseases of the Bones.							1						ì			
146.	Diseases of the bones (tuberculosi excepted)—	s	-								Ì			Ì			
	Mastoiditis (Septicemia following)		3	2		1 1											1
	Necrosis maxilla (operative snock	)	î			1				.ļ							
147.	Osteomyelitis tibia	1-	1	1		1				1	1	T				·†-	
	Purulent arthritis		2	1		1											
	Arthropathy hip (operative shock Congenital dislocation hip (opera	1.	1	1			····		-	-	-			1			
148.	tive shock)		1			1						: ::					
149.	Other diseases of the organs of loce motion	0-1					ļ			. ļ		.ļ					
	X. Malformations.					-								١			
150.	(1) Hydrocephalus	rt .	5 22	]		4 13	3	1  6	1	 4	1	3		1.			
	(3) Other congenital malformations		4				-									∳	
	Cleft palateImperforate anus		3		2	1	i		1								
	Microcephalus Pyloric stenosis		5 2			-1			1	:-	3		1		1		
	(Operative shock) Spina bifida (Operative shock)		4		2	2		2	1	:-	i	٦.					
	(Operative shock)		1 .			1		::		: ::						1	
	Arrest of development		1			1	· ·				-	1	•	"†			
:	XI. Diseases of Early Infancy.		25	_								1		-			
151.	(1) Premature birth	,"	.25	7		48 6		- 1	- 1	-	- 1		- 1	- 1			
	"marasmus," etc	***	5		3 1	$\frac{2}{1}$	3  1	¦		1							
152.	Maldevelopment		1			1	[	11									
152.	fancy—							1									
	(1) Injuries at birth (instrument delivery)		15	1		3 1	1	3			1						
	Breech presentation Placenta previa		3		1 2	ī	2	1				[			···· ·		
	(2) Asphyxia neonatorum		6 26		0	16 1	5	10			ï	::‡:					
	Hemophilia neonatorum Hemorrhage from circumcisio	n	8		1	<u>.</u>	<u>il.</u>		2	<u>::†</u>	<u>:: :</u>	i:	<u> :</u>	<u>:::t</u>		<u>t</u>	<u> </u>

#### TABLE No. II-Continued.

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to 4 Yrs.	4 t Y	o 5 rs.	To un 5 N	tal ler rs	5 to Yi	o 10 rs.	10 20 Y1	0 1	20 30 Yr	)	4	to 0 rs.	40 5 Y			to 0 rs.	60 Y:	to 0 rs.	70 8 Y	0	80 Yı	0	90 10 Y:		Ov 10 Yr	00	Ur asc ta'r	er
4. F.	M	E	М.			F		1	M.			$\neg$		F.		F.	-		М.	F.	м.	F.	м.	F.	М.	F.	М.	F
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# TABLE No. II—Continued. REPORT OF DEATHS REGISTERED DURING

		GRAND	MALES	FEM												В
	CAUSES OF DEATH	I dn	ES	FEMALES	1		1 W	o I	t	0	t t	0	1 0	o 2	2 to Yı	
•	(International Classification)	TOTALS				_	1 N	$\neg$					-		-	1
		Š	<u> </u>	L	21.	F.	М.	F.	м.	F.	м.	F.	M.	F.	М.	_
	Hemorrhage umbilicus Melena neonatorum	1 1	1				1								ļ	
	Inspiration of food	1		1		l		- 1	l							
	Inspiration of vomit	$\frac{1}{2}$				<u>1</u>			1				ļ		·····	
	Infection umbilicus Suffocation under bedclothes	$\frac{2}{2}$	2		1	1		1	1						1	
	Suffocation (overlaid)	1		1				1		·	ļ					
53.	Lack of care		 										ļ		ļ	
٠,	XII. Old Age.	55	14	11	<u></u>											ŀ
54.	Senility	99	14	41	ļ								1	1	1	·
XIII	I. Affections Produced by External Causes				1				İ		l		ı			
55.	Suicide by poison—		١.,		ı				Ì		ı		ı	-		1
	Arsenic Bi-chloride mercury	1 5	1								l		<b>†</b>		1	ļ.,
	Carbolic acid	7	5	1	2				ļ							ŀ
	Chloroform	13			····				ŀ		<u> </u>					1
	Cyanide potassium Lysol	1 5					<u></u>						Ţ			
	Strychnine	5		1 1			ļ				ļ					ŀ
56.	Undetermined poison			1	i	· ····	ļ								<u> </u>	ŀ
50. 57.	Suicide by hauging or strangulation.	15					ļ								Ţ	Į.
58.	Suicide by drowning	. 14			3		ļ	ļ	ļ	•	<del> </del>		╂⋯	· ····	·	ŀ
59. 60.	Suicide by firearms Suicide by cutting or piercing instru-	1 30	89	1	1	····	·····	·····			†···		1	1	1	1
	ments	.  18	16	5 :	₫		ļ	<b></b> .			. <b>.</b>		.l		<b></b>	.
61.	Suicide by jumping from a high place	1	1 1				1		l		1		1	1	1	1
	(from bridge) From fire escape	1 i					ļ		I		1		Ţ			Ţ
	Electric and a design of			<u> </u>			ļ		ļ	.,						·ŀ
62.	From window Suicide by crushing	. 10	7	1 :	š							<u> </u>				
63.	Other suicides						ļ									
64.	Other suicides Poisoning by food (ptomaines)—	1 .		١.					ı		1	ì	ı		1	1
	From eating clams Crab salad			:	1		1						1			1
	Unknown	1 1	2	i :												·ŀ
65.	Other acute poisonings— Arsenic (accidentally self-admin												1		1	1
	istered)		1		1		.ļ	ļ	ļ		ļ		.ļ			. -
	Bi-chloride mercury (accidentally self-administered)	١.	3 :		ا		1		l	i					1	١
	Cyanide (accidentally self-admin	- '	1 .	1	1		†····		ļ		1	-			1	1
	istered)		1 :	1	. <b></b>		. <b>.</b>		ļ		.ļ				<b> </b>	- -
	Morphine (accidentally self-admin		1 :	1			L					1	ı		1	
	istered)		1		1		T		T		T		1		Т"	T
	Muriatic acid (accidentally self administered)	-  :	1 :	1		.		ļ	ļ		·				·	·ŀ
	Opium (accidentally self-admin	1	,		ıl		l		l		1		J		.l	.].
	istered) Strychnine manner unknown)		i				Ţ		Ţ		Ţ		ļ			. .
	Unknown poison (manner un	-			1				ı	1					1	١
66.	known)		1  2  :		9		1		<b> </b>		1	1				
67.	Burns (conflagration excepted)-	1					1	1	1						1	
	Playing with matches	-	3 1	1	il	· ····	····		ł		<b>†</b>		1		1	ŀ
	From gas stoveFrom open grate		1		i				1		Ţ		1			.[
	From wood stove	- 1	1		1		ļ	ļ	ļ		.ļ				·	-
	From gasoline stove	- :	1	7	1	· ····	<b></b>		<u> </u>	i	+	·	+	·· ····	+	•
	From vaporizer	J .	11 .	I'		.1			<u>.                                    </u>	1'	· <u>····</u>		•••••			• •

#### TABLE No. II-Continued.

_			_									_		Age	s														
3 t	o 4	4 t	o 5	To un 5 Y	tal der	5 t	o 10	10 2 Υ	to 0	20	to 0	-4	to 0 rs.	40	to o	50 6	to 0 rs.	60 7 Y	0	70 8 Y:	0		to 0 rs.	90 10 Y	to 00 rs.	Ov 10 Y	00	Ur asc ta'ı	er-
M.	Γ	Г	П	1	rs.	1	Г	М.		Y: M.		<u>1</u> М.			F.			М.	F.	м.		м.		М.		М.		М.	
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#### TABLE No. II-Continued.

	GRAND	MALES	FEM						_						By
Causes of Death		ES:	EMALES	1		t e	Vk.	t.	റ	l t	ი	1 0		2 t	
(International Classification)	Cor			We	ek	1 N	io.	6 N	los	1	r.	1	rs.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	TOTALS			М.	F.	Μ.	F.	М.	F.	М.	F.	М.	F.	М.	F.
From electric hot plate	1 2	1												ļ	
From explosion kerosene lamp Lighting fire with kerosene	í	1	i												
From explosion distillate	2	2										ļ			
From scalding water	3 1	2	1 1												1
From boiling grease	1		1									ı		l	
flagration excepted)—		40								l		ļ	İ		
(1) Illuminating gas (accidental)	52	43	,	1				•••••	••••	ŀ				†****	
(2) Anesthesia (ether during opera- tion)	1												ļ	ļ	
(Not stated) (during operation)	1													<b></b>	
169. Accidental drowning (in bay of S. F.) (In Pacific Ocean)	34														
(In ponds)	3	: 8								ļ		ļ			
(In ponds)	6	•	j	·					ļ	ļ		<b>†</b> ···	ļ	†···	
171. Traumatism by cutting or piercing instrument	<u> </u>			J	ļ	ļ			ļ	ļ		ļ		ļ	
172. Traumatism by fall—				1		1			İ	1				l	
Over banisterInto basement	i	1	<u>۔۔۔۔۔</u> ا			<u> </u>				1		1		1	
From hed	1			1		ļ							Į	. <b></b>	
From building	1			1		ļ		l			· · ·				
Over bulkheadInto bunker			1	1		1			1	1					
Down elevator shaft	- 1	ı		1		ļ						.l		·-	
Into excavation	.) :		2	il	····	····	· ····	ŀ····	· · ·	†···		†···		1	
From fire escape				1		1				1					
From "go-cart" From ladder	- :		2	1	·ŀ ··			ļ				1			
From ladder Down light well	-  :	3 1	2	<b>1</b>		1									
From loft	-1 .	2	2			Ţ									
On payement	-1 1		8	4	-		· ····		-						
From pile-driverInto pit	1		i								1		1		
From platform	- 1	2	2							1		-1 '			
From porchInto hold of ship	-	1 7	7					1	1		:-:			1::	
While skating		1	i					J							
Through skylight	I	$\stackrel{1}{2}$	J		•		•-	ļ		.⊹.			·· ···		
From staging  Down stairs			3	4		1		J						1	
From telegraph pole		1	1					ļ	<u>.</u>						i
From window On iron stake		7	3	4			::		1					1	
173. Traumatism in mines and quarrie	s		-		·	Τ		T	1	1		T			
(Explosion in mine)		1	1					·	·· ···					•••	
In mine, fracture spine (manne unknown)	1	2	2							[		.			
In - uarry, fracture spine (manne	r	_	-	-	1			l		1	Į	ı			
unknown)		1	1					+		-†			•••		
174. Trantmatism by machines— Crushed by elevators		4	4					.ļ							
Crushed by elevator counterweigh	ıt	2	2					+	•-					∤	
In elevator machinery Struck by broken belt		1	1	1				1					:: :		
Crushed by traveling crane	_	i	1							.					
175a. Railroad accidents and injuries—		1	1			1				ı					
Struck by locomotiveRun over by train			6			::[:::									
Run over by freight car		1	1			<b>ļ</b>		·			- 1				
Fall from handcar		6 1 1	1		::			:t:							
Fall from locomotive Crushed betwen freight cars		$\hat{2}$	2												
Crushed between car and platfor	m)	1	11	!	!	!	!	<b>!</b>	'			. <b> '</b>	'	'	

#### TABLE NO. II-Continued.

FISCAL YEAR ENDING JUNE 30, 1916

#### Ages

3 to Yrs	4	4 t Y	o 5	To un	otal ide Yrs	5 : 1	to 10	10	to 20 rs	3	to 0 rs.	30 4 Y	to 0 rs.	5	to 0 rs.	50 Υ	to 0 rs.	l ′	0 to 70 7s.	1	0 to 80 Yrs	- 1	0 to 90 Yrs	- 1	90 10 Yr	ЮΙ	Ov- 10 Yr	0	Ur asce ta'r	e <b>r-</b>
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#### TABLE No. II-Continued.

		GRAND	MALES	FEMALES								-				B <b>y</b>
	Causes of Death	d N	ES	(AL)	Un	der	1 V	Vk.	1 1	Mo.	6 M	os.	1 t	0 2	2 to	0.3
	(International Classification)	10		S	W	l eek	$1 \ 1$	o Mo.	6 N	o Ios	1 t	o Yr.		rs.	Yi	
		TOTALS			Μ.	F.	М.	F.	M.	F.	М.	F.	М.	F.	М.	F.
175b.	Street car accidents and injuries-			,	Ī	1	Ī		Ī	Ī	Ī	Ī	1	1	Ī	Π
	Struck by cable carFall from electric car	1 2	1	1			ļ		ļ						ļ	
	Run over by electric car Struck by electric car	- 4 24	20	2	J		ļ		l				ļ		ļ	
	Hurled from runaway car	1														
	Collision between electric car and wagon	6	6		ļ	ļ	ļ		ļ		ļ		ļ		ļ	
175c.	Automobile accidents and injuries— Run over by auto	4	4		1						1		ļ			
	Struck by auto	39	31				ļ		ļ				ļ	<b> </b>	}	
	Crushed by overturning auto Fall from moving auto	5		1			<u> </u>				ļ					••••
	Collision bet, auto and electric car	- 6	5		ļ	.ļ	ļ		ļ	ļ	ļ	ļ	ļ	ļ		
	Collision bet. auto and motorcycle Injured by exploding tire				ļ		····		i		ļ				····	
175d.	Injuries by other vehicles-			1							[ · · ·			1		
	Struck by buggyRun over by truck	1														
	Run over by wagon	2	1	1	1		Į				ļ		<b>.</b>	<b> </b>	ļ	
	Struck by wagon	2	2				ļ				ļ					
	Struck by bicycle	1	1		ļ		ļ		ļ				ļ		ļ	
	Struck by motorcycle	1						,					ļ			
175e.	Landslide—other crushing—	9					ļ				!			ĺ	1	
	By caving sand By closing wall-bed	1		1			ļ						ļ			
	By swinging boom	1													ļ	
	By falling fence By falling wall By sling-load of freight	1					ļ									
	By sling-load of freight By pile-driver hammer	1 1	1		ļ				ļ		····		ł	••••		·····
176.	Injuries by animals—		i		1		ľ		i		ļ					
177.	Kicked by horse	3	3		l::::		ļ		l		<u>                                     </u>	••••				
178.	Starvation Excessive cold Effects of heat				J							ļ	ļ			
179. 180.	Lightning						ļ									
181.	Lightning Electricity (lightning excepted)	64	2 45	10	ļ			<b> </b>				<b>.</b> .		••••		••••
182. 183.	Homicide by firearms  Homicide by cutting or piercing in-				ļ .		ł		ļ		ļ					
184.	struments	8	7	1		ļ										
104.	Homicides by other means (blows) By gas asphyxiation By strangulation	1	1		ļ		ļ	ļ <b>.</b>								
	By strangulationInfanticide	$\begin{vmatrix} 1\\2 \end{vmatrix}$		1		i										••••
185.	Fractures	ļ		_	1	1	l		····		l					
	Of leg, by falling casting Of skull by coal bucket	1 1	1										···			
	Of skull, by coal bucket Of skull, manner unknown Of spine, struck by beam	1	2		ļ											
186.	Other external violence—	1	1										•••••			
	Hem. brain, struck by baseball	$\begin{vmatrix} 1\\ 2 \end{vmatrix}$	1													
	Hem. brain, manner unknown Hem. pleural cavity, manner un-		1													
	known	1	1	1							 					••••
	Foreign body in bronchiForeign body in stomach	1	1									••••				
	Rupture spleen, manner unknown	1	1					••••		••••				••••		•••••
	XIV. Ill-Defined Diseases.														ı	
187. 188.	Ill-defined organic disease									••••						
189.	(1) Cause of dealth ill-defined				i							<del> </del>	••••			
	(2) Cause of death not specified, or unknown										<b></b> .					
	Decomposed remains	1	1	<u></u>	l	ļ	l		اا		l				!	

#### TABLE No. II-Continued.

														Age	:5														
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3 t	<b>4</b>	4 t	o 5	un	der	15, t	o 10 rs.	2	90	- 30	) 1	4	0	. 5	0	€	0	70	0	8 Y:	0	9	0	10	)0	10	10	asc	er-
Yı	s.	1	rs.	5	rs.	1	15.	7.	rs	Yı	·S.	Y	rs.	7.	rs.	7.	rs.	- Y1	rs.	7	rs_	Y	rs.	Υ.	rs.	Yı	s.	ta'ı	10
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M.	F.	Μ.	F.	Μ.	F.	М.	F.	м.	F.	MI.	г.	м.	г.	111.	1.	7,1	1.	1,1.	1.		* .	1.1	1		- 1		- 1		
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## TABLE No. III. REPORT OF DEATHS REGISTERED DURING

	GRAND	MALES	FEMALES					Socia	.1
CAUSES OF DEATH (International Classification)	ND TOTALS	ES	ALES	Sin	gle	Mari	ried	Wid	owed
	ľALS			М.	F.	М.	F.	М.	F.
DEATHS FROM ALL CAUSES.	7,249	4,519	2,730	1,925	709	1,670	1,009	577	947
I. General Diseases II. Diseases of Nervous System III. Diseases of Circulatory System IV. Diseases of Circulatory System V. Diseases of the Digestive System VI. Diseases of Genito-Urinary System VII. The Puerperal State. VIII. Diseases of the Skin IX. Diseases of the Bones X. Malformations XI. Diseases of Early Infancy XII. Old Age XIII. Affections Produced by External Causes	567 1,341 867 550 731 54 15 13 49 202 55	803 548 360 463 10 8 20 124 14	275 538 319 190 268 54 5 5 78 41	90 238 263 179 131 4 5 20 124 4	41 64 116 64 40 2 1 2 29 78	142 357 140 133 223 4 3	96 162 -85 76 128 49 3 3	49 145 95 27 85 1	132 300 115 44 93 1 1 1
XIV. Ill-Defined Diseases	1	1							
1. Typhoid fever 2. Typhus fever 3. Relapsing fever 4. Malaria 5. Smallpox 6. Measles 7. Scarlet fever 8. Whooping cough 9. Diphtheria 10. Influenza	3 1 8 21 109 14		1 1 2 13 48	2 6 8 59	1 1 13 44 1	2 5	1 1 2 1	1	2
11. Miliary fever         12. Asiatic cholera         13. Cholera nostras         14. Dysentery         15. Plague         16. Yellow fever         17. Leprosy	4	2	2	1				2	2
18. Erysipelas (idiopathic)  19. Other epidemic diseases.  20. Purulent infection and septicemia Following decubitis Following infection, arm Following needle prick, finger Following scratch on hand Following infected wound, leg Following bruise of foot Following burn of hand Following nail scratch of nose Following infected wound (1) Following staphylococcic infection knee Following phlegmon of legs Following cellulitis of leg Following staphylococcic cellulitis. Following streptococcus infection Pyemia—Following scratch on	11	1 1 1 2 1 1 1 1	5	1 1 1	2	3 1 1	1		1
Pyemia—Following injury to leg Pyemia—Unqualified 21. Glanders 22. Anthrax 23. Rabies 24. Tetanus	1 1	1 1		1					

## TABLE NO. III

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Rela	ition					Co	olo:	r								N	ativ	ity			
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71	49	276	16	4,178	2,649	233	32	58	25	50	24	619	470			1,- 006	621	2,126	1,164	196	26
15 4 12 9	13 6 7	42 7 51 41	6 5 2	1,154 276 744 526	750 269 529 306	17 52 13	13 3 3 1	27 3 1 7 5	5 2 1 5	28 26 21 1	1 5	21 43 90	85	38 66 64	$\frac{33}{41}$	$73 \\ 214 \\ 110$	135 56	589 156 446 257	143 333 134	27	7 3 5 2
6 10	6 7 1	15 14 1	1	339 423 10 7	187 261 51 3	15 30 	2	5 3 	1 2	7		34	19	39	61	133 1		144 251 7 3	59 112 21	6	3
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# TABLE No. III—Continued REPORT OF DEATHS REGISTERED DURING

(Int		Ã	MALES	EM.					Socia	.1
	CAUSES OF DEATH ernational Classification)	GRAND TO	ES	FEMALES	Sin	gle	Mar	ried	Wid	owed
		Totals			М.	F.	М.	F.	М.	F.
	Following infected wound, arm	1		1			ļ	1	ļ	
25. My	Following wound of handroses (fungoides)	1	1	1						
26. Pe	llagra	î	1							
27. Be	riberiberculosis of the lungs	788	598	100			1 1			26
29. Ac	ute miliary tuberculosis	26	18	190	332 10	64	182		46	26
30. Tu	berculous meningitis	74	47	27	39	23	6		1	
31. Ab	dominal tuberculosis—intestinal Peritoneal	$\frac{4}{23}$	12	11	10	3	2	1		· · · · · · · · · · · ·
32. Po	tt's disease—	20	12	11	10	7	4	4		••••••
33. W1	tt's disease— (Tuberculosis of spine)	11	6	5	3	2	3	3		<b>.</b>
33. 111	nite swellings— Tuberculosis hip-joint	2	2				1			
	Tuberculosis of jointsberculosis of other organs—	1	1				ī			
34. Tu	berculosis of other organs—	5	9	3	1	3	1		i	
	Lymph-glands of neck Of bones of foot	í	ī							······••
	Of kidneys	1		1		1				<b></b>
	sseminated tuberculosisekets	4	3	1	3	1				· · · • · • • •
50. Ith	Osteomalacia	ī		î						1
37a. Syl	philis—congenital	19								
37b. Syj 38. Go	philis—acquired nococcus infection	27 2	19	8	6 1		10	6	3	
39. Car	ncer of the buccal cavity									
	Of lip	3	3						2	
	Of maxilla (operative shock)	7	7					·······	1	
	Of mouth	1	1						i	
	Of maxilla (operative shock) Of mouth Of palate Of tongue	1 11	1		4					
	Sarcoma of maxilla	3	1	2		1			1	i
40a. Car	acer of the stomach	183	127	56	33	3	64	24	26	28
	(Operative shock)	1 1	1	1		1				
	(Operative sepsis)	2	1	1		1				
40b. Car	ncer of liver	60		30	5	3	18		5	12
41a Car	(Operative shock)nucer of the peritonæum, intestines	1	1				1			· · · · · · · ·
11.0. Oa	Of intestines	49	25	24	4	1	15		5	10
	Of intestines (operative shock)	2 5	1 4	1			1 4			
41b. Car	Sarcoma of intestines	$\frac{3}{25}$		7	3	1	13		1	4
	(Operative shock)	1		1				1		
	ncer of the female genital organs— Of uterus	73		73		3		43		25
	Of uterus (operative shock) Of ovary Of vagina Sarcoma of uterus			6				3		3
	Of ovary	6		6		3		2		1
	Of vagina	3 1		3				1 1	. <i>.</i>	1
		1		i				î		
43. Ca	ncer of the breast	63		63		7		33		20
44. Ca:	Sarcoma of breast	2		$ $ $^2$						
· · · · · · ·	Of ear	1	1							
	Of face	6	6				$\begin{array}{c c} 4 \\ 1 \end{array}$		2	
45. Ca	Sarcoma of face ncer of other or unspecified organs	1					1			·······
	Of bladder (urinary)	9	8	1	4		4	1		
	Of kidney	1	<u>i</u>	1 1	1			1		1
	neer of other or unspecified organs Of bladder (urinary) Of groin Of kidney Of larynx Of lumbar region	7	6	1	î		4	i	1	
	Of lumbar region	1		1						1

# TABLE NO. III—Continued. FISCAL YEAR ENDING JUNE 30, 1916

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## TABLE NO. III—Continued. REPORT OF DEATHS REGISTERED DURING

		GRAND	MAL	FEM					Socia	1
	Causes of Death		ES	EMALES.	Sin	gle	Mar	ried	Wid	owed
	(International Classification)	Totals			М.	F.	М.	F.	м.	F.
	Of lung	4	- <u></u>	2			1	1		1
	Of mediastinum	3	$\overline{2}$	1	2			1		
	Of neck	7	7		3			<b></b>		
	Of orbitOf penis	1 2 5	2				2			
	Of pharnyx		5		1		3		1	
	Of prostate	8	8				4 1		4	•••••
	Of prostate (operative shock) Of spine	1		i		i				
	Of enland	2	1	1	1			1		
	Of temporal region Of testicle Of thyreoid	1	i	1						1
	Of thyrooid	1	1	1	•••••	1				
	Sarcoma—Of arm	1	1						1	
	Of axilla	1	1		3		·····		1	
	Of brainOf brain (operative shock)	4	3			1				••••••
	Of eye	1	í							
	Of femur	1		1		<b></b>		1		
	Of groin Of ilium	1	1	1			1	1		
	Of kidney	1	i		1					
	Of lung Of mediastinum	1	1		1					
	Of mediastinum Of neck	$\frac{2}{3}$	1 3		·····i		1 2			
	Of orbit	2	- 9		lí		l		1	
	Of testicle	1	ī		1					
46.	Other tumors (except of female geni-					1				
	tal organs)	i	1				1			
	Of parotid	1	2			<b></b>		1		
47.	Acute articular rheumatism	5 8			1			1 2	١	
48. 49.	Chronic rheumatism and gout	l °	5	8		1	0	1		1
50.	Diabetes	104	51	53	13					
51.	Exophthalmic goitre	11	$\begin{vmatrix} 1\\2 \end{vmatrix}$	1		1	$\frac{1}{2}$			
52. 53.	Addison's diseaseLeukæmia	3 17	12			1	2	9		
54.	Anæmia, chlorosis	40					8		1	3
55.	Other general diseases (acidosis)	3			3		J		ļ	
56.	Purpura hemorrhagica	5 55	41		16	] 2	3 17		5	
57.	Chronic lead poisoning	2	2		í		ĵ		ļ	
58.	Other chronic occupation poisonings					1				
59.	Other chronic poisonings									• • • • • • • • • • • • • • • • • • • •
II.	Diseases of the Nervous System.				l .					
60.	Encephalitis	4	8							
61.	Abscess of brain(1) Simple meningitis	17	10	-		7		1 2	·····	
01.	Streptococcic meningitis	5	8		. 2	l	. 1			
	(2) Cerebrospinal meningitis	7	4	8	3	2	1	1		
	(3) Epidemic cerebrospinal meningitis	4	,	1	, ,	1	1			
62.	Locomotor ataxia	21	17	4		·	8		5	1
63.	Other diseases of spinal cord—		Ι.	1			Ι.			-
	Acute ascending paralysis	1 9	1 1		1		1	·····i		
	Myelitis, transverse Myasthenia gravis	1	ĺi		l'		ï			
	Paralysis agitans	5					] 1	] ]		
	Paralysis agitans Paralysis, bulbar Poliomyelitis	5	{	1 :			] 1	1	1	:
	Spina bifida	1			1				1	
	Spina bifida Tumor of spinal cord	:	í		2 1			ii		
	Sclerosis-lateral	1 1	٠ :	1 :		<u> </u>	3	1	•	1

Rela	ation					C	olo	r								N	ati <sup>,</sup>	vity			
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TABLE NO. III-Continued.

		GRAND	MALES	FEMALES					Socia	1
	CAUSES OF DEATH (International Classification)		ES	ALES.	Sin	gle	Mar	ried	Wid	owed
	(International Classification)	TOTALS			М.	F.	М.	F.	М.	F.
64. 65. 66.	Cerebral hæmorrhage, apoplexy Softening of the brain Paralysis without specified cause	390 20 8	192 7 4	198 13 4	46 1 2	1	98 4 2 4	2	1	109 10 3
67.	Hemiplegia	10	4	6		2		2		2
68.	(Paresis)	9	7	2	1		5	1	1	1
69. 70. 71.	(Dementia, praecox)  Epilepsy Convulsions (nonpuerperal) Convulsions of infants	13	<del>7</del>	6 3	3	4	4	2		
72. 73. 74.	Chorea Neuralgia and neuritis Other diseases of the nervous system Sclerosis of brain Tumor of brain	1	1				1			
75. 76.	Tumor of brain	25 6	13 4	12	6	3 1	6	7	1	1
111.	Diseases of the Circulatory System.	"	1	_	1	1				
77. 78. 79.	Pericarditis Acute endocarditis Organic diseases of the heart	24 48	19 33	15			8 9			2
	(1) Valvular (2) Endocarditis, chronic	385 139 19	238 97 4	147 42 15		5 1	97 45 3	14 3	6 1	$\bar{9}$
80. 81.	(4) Myoçarditis, chronic Angina pectoris Diseases of arteries, atheroma, aneurysm, etc.	72	279 46		64 4	26 1	124 30			
	Aneurism of aorta Arterio-sclerosis Endarteritis	91 1	23 45 1		7 10	4	12 17 1	7	1 18	3 35
82. 83. 84.	Embolism and thrombosis	6	13 3	3		<b></b>	9 2		3	1
0.5	Abseess auxiliary gland	1 1 1	1	1 1		1				
85.	Hæmorrhage, other diseases of circulatory system						. <b></b>		ļ	
IV. 86.	Diseases of the Respiratory System.  Diseases of the nasal fosse									
87. 88. 89.	Diseases of the larynx (laryngitis) Diseases of the thyreoid body	4	2	20		2			ļ	
90. 91. 92.	Acute bronchitis Chronic bronchitis Bronchopneumonia Lobar pneumonia	40 27 345 385	$\frac{14}{227}$	13 118	$\frac{4}{126}$	52 52	42	27	37	39
93. <b>94</b> .	Pleurisy Pulmonary congestion, pulmonary	44	36	8	15	2	10	4	3	2
95. 96. 97. 98.	Gangrene of the lung		6				4	8	2	1
	tem (tuberculosis excepted)— Abscess of lung	2	1	1	ļ	1	1	ļ		
v.	Diseases of the Digestive System.				1					
99.	Diseases of mouth and adnexa (gangrenous stomatitis)		1	1	1		ļ	ļ	ļ	<sub>j</sub>

## TABLE NO. III—Continued.

Rela	ition					C	olo	r								Na	ativ	ity			
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М.	F.	М.	F.	М.	F.	м.	F.	М.	F.	м.	F.	М.	F.	м.	F.	М.	F.	М.	F	М.	F.
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#### TABLE NO. III—Continued.

		GRAND	MALES	FEMALES					Socia	1
	CAUSES OF DEATH		ES	ALES.	Sin	gle	Mar	ried	Wid	owed
	(International Classification)	TOTALS			М.	F.	М.	F.	М.	F.
100.	Diseases of the pharynx (tonsillitis.		<u> </u>				<u> </u>			
	septicemia following) Vincents angina	6	3	3	3	3			······	•••••
101.	Diseases of the æsophagus (diverti-		1							
102.	Culum) Ulcer of the stomach	1 40	1 31	9	10	1	18	4	9	
	(Operative shock) (Operative sepsis)	3	3				2		ĩ	
103.	Other diseases of stomach (cancer	1	1		1				ļ	•••••
200.	excepted)—									
	Gastritis, acute Dilation of stomach	10 1	7	3	5	2	1		1	
104.	Diarrhœa and enteritis (und. 2 yrs.)					<b></b>				
	Cholera infantum	3	7	1	27	1				
	Diarrhea Enteritis	8 7 5	6	1	6	1				
	Entero-colitis	5 52	$\frac{3}{32}$	20 20	3 32	20 20				
	Gastro-enteritisIleo-colitis	32	32	1 20	32	1				
105.	Diarrhœa and enteritis (2 years and		1							
	over)— Diarrhea	1		1					l	
	Enteritis	5	2	3	1	1		1	1	
	Gastro-enteritisIleo-colitis	15 2	7	8	1	6 9	5		1	
	Duodenal ulcer	15	12		4		5	3	2	
100	(Operative shock)	1	1		1					
106. 107.	Ankylostomiasis Intestinal parasites (Trichinosis)	1	i		1					
108.	Appendicitis	96 3	63	33	33	13	23	14	1	
109a.	(Operative shock)	16	10	6	3		4			
	(Operative shock)	4	4				1,1			
1096.	Intestinal obstructions(Operative shock)	43	26 2			1	11	10	4	
	Intussusception	6	5	3 1	5					
110.	Volvulus Other diseases of the intestines (fecal	5	1	4	1	2		2	·····	••••••
110.	fistula)	3			1		1		1	
	Ischiorectal abscessUlcer duodenum	1 5	$\begin{vmatrix} 1\\4 \end{vmatrix}$		1	·····	3	1	1 1	
	(Operative shock)	1		í				î		
	Tumor of intestines	1	1				1	1		
	Prolapse of rectum Stricture rectum	1	1		1					
111.	Coccidioidal granulomaAcute vellow atrophy of the liver	1 3	1 3		1 2					
112.	Hydatid tumor of the liver (operative		. "		<b>–</b>		1 1			
113.	shock)	110	$\begin{vmatrix} 1\\79 \end{vmatrix}$	31	27		1 40	16		1
113. 114.	Cirrhosis of the liver	24			20		5		2	1
	(Operative shock)	6		6			1	3		
	(Operative sepsis)	1	1				1			•••••
115.	Other diseases of the liver (abscess of)	5	5		1		2		1	
	Inflammation of	5 3 9	3		2		1 2	2	i i	•••••
	Cholecystitis Gangrene of gall bladder Rupture of gall bladder Diseases of the spleen (abscess of)	i	<b> </b> .	1		1	ļī	ļī	ļī	
116.	Diseases of the spleen (abscess of)	1	1	1	1 1	] 1				•••••
117.	Simple peritonitis Other diseases of digestive system	i	i		ļ		]		[	
118.	Other diseases of digestive system (excepting tuberculosis, cancer)						1			
	Sub-phrenic abscess	2	1	ï		1				
	Hemorrhagic pancreatitis	1 5	· 5	<sup>1</sup>	3	!		·	<b>'</b> 1	

### TABLE NO. III-Continued.

Rela	ation					C	olo	r			١					N	ativ	ity			
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М.	F.	М.	F.	М.	F.	м.	F.	Μ.	F.	М.	F.	М.	F.	М.	F.	М.	F.	Μ.	F	М.	F.
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#### TABLE NO. III-Continued.

		GRAND	MALES	FEMALES					Socia	ıl.
	CAUSES OF DEATH (International Classification)		ES	ALES	Sin	gle	Mar	ried	Wid	owec
	(Intolinational Olassincation)	Totals			М.	F.	М.	F.	М.	F.
VI.	Diseases of the Genito-Urinary System.				i —					
119. 120.	Acute nephritis	49 585	28 387	21 198	15 107		10 194		3 67	1 86
121.	Chyluria									
122.	Other diseases of the kidneys and adnexa (Hydronephrosis)	1	١,				1			
	Pyelitis	4	4		1				1	
	Pyeloneohritis	3	1 2	1	2	1				
	Cystic kidney (operative shock)	6	5				2 1	1	2	· · · · · · · ·
	Tumor of kidney	$\frac{2}{2}$	î			1				
123.	Calculi of the urinary passage	1 2	1					1	·····	
124.	Diseases of the bladder—	1	1				1		······	
	Abscess of	1		1		1				
125.	Chronic cystitis	12	10	2	1 0		3	1		1
	Diseases of the dietha (stricture of)	-	-		_					
126.	Diseases of the prostate (hypertrophy		.,,		,				,	
	of) (Operative shock)	11	11		1		9		6	
	Abscess of prostate	1	ĭ		1		ļ			
	Tumor of prostate	1				<b></b>	1			
127.	Prostatitis	3	3				2		1	
	organs									
128. 129.	Uterine hæmorrhage (nonpuerperal) Uterine tumor (noncancerous)—									
123.	Fibro-myoma oi	10		10		3		7		
	(Operative shock)							3		. 1
130.	Other diseases of the uteras (pro- lapse of)	9	l	9		 	İ	9		
	Pelvic abscess	ĩ		1				ī		
	Septicemia following infection (nonpuerperal)			,				,		
	Menopause	$\frac{1}{2}$		2				2		
131.	Cysts and other tumors of the ovary	7		7	l	<b></b> .		3		2
132.	Salpingitis	12		12				10	· · · · · · · · ·	1
	(Operative shock) Tubo-ovarian cyst	2		2	! !	1		1		1
133.	Nonpueri eral diseases of the breast (cancer excepted)									
									•••••	
134.	VII. The Puerperal State. Accidents of pregnancy—									
194.	Abortion (self-induced)	6		6				4		<b></b>
	Abortion (self-induced) Abortion (criminal)	- 8		- 8		1		6		1
	Extra uterine pregnancy	4		4				4		
135.	Puerperal hæmorrhage (placenta	1		1				1		
100	Puerperal hæmorrhage (placenta previa)			4		••••		-		
136.	Other accidents of labor									
	Prolor ged labor	1		1		<b></b>		1		
137. 138.	Puerperal septicæmia	12		12			·····	12		· · · · · · · · · · · · · · · · · · ·
	sions	15		15		1		14		
139.	Puerperal sudden death (acute myo-							,	1	
	carditis) Puerperal phlebitis)			11	<b></b>	•••••		1		
140.	Following childbirth (not otherwise)	1		1				- 1		· · · · · · · ·
141.	specified)									······
7.41.	Puerperal diseases of the breast	•••••	•••••			•••••	······			•••••

#### TABLE NO. III-Continued.

Rela	tion					Сс	olor									N	ativ	it <b>y</b>			
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## TABLE NO. III—Continued. REPORT OF DEATHS REGISTERED DURING

		GRAND	MALES	FEM					Socia	ıl
	CAUSES OF DEATH (International Classification)		ES	EMALES	Sin	gle	Mar	ried	Wid	owed
-		Totals			М.	F.	М.	F.	м.	F.
	VIII. Diseases of the Skin.									
142. 143. 144.	Gangrene (of foot) Raynaud's disease Furuncle (carbuncle) Carbuncle (septicemia following) Acute abscess (multiple) Of cervical glands Cellulitis face (scratch of nail) Cellulitis hand (septicemia fol.) Pempligus neonatorum Pemphigus folcaceas Ulcer leg (septicemia following) Pituriasis rubia Impetigo (septicemia following)	3 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	1 1	1		1 1	1 1		
146. 147.	IX. Diseases of the Bones.  Diseases of the bones (tuberculosis excepted)—  Mastoiditis (Septicemia following) Nerrosis maxilla (operative shock) Osteomyelitis tibia  Diseases of the joints (excepting tuberculosis and rheumatism—	3 4 1 1	3	i			1	1		
148. 149.	Purulent arthritis Arthropathy hip (operative shock) Congenital dislocation hip (operative shock) Amputations Other diseases of the organs of locomotion	1 1	1	1	1	1				
	X. Malformations.									
150.	(1) Hydrocephalus (2) Congenital malformation of heart (3) Other congenital malformations. Cleft palate Imperforate anus Microcephalus Pyloric stenosis (Operative shock) Spina bifida (Operative shock) Malformation urinary bladder	4 3 1 5 2 4 1	9 2 5	4 1 1 1 2	5 1	4 13 4 1 1 2 2 1 1 1				
;	XI. Diseases of Early Infancy.									
151. 152.	(1) Premature birth (2) Congenital debility, "atrophy," "marasmus," etc. Icterus neonatorum Maldevelopment Other diseases peculiar to early in-	125 5 2 1	3	$\frac{2}{1}$		48 2 1				
	fancy— (1) Injuries at birth (instrumental delivery)  Breech presentation  Placenta previa (2) Asphyxia neonatorum  Atelectasis neonatorum  Hemophilia neonatorum  Hemorrhage from circumcision.	15 1 3 6 26 8 1	$\frac{1}{2}$	10 10 6		1 2 10 6				

## TABLE NO. III—Continued.

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### TABLE NO. III-Continued.

		GRAND	MALES	FEM.					Socia	1
	CAUSES OF DEATH		ES	EMALES	Sin	gle	Mari	ried	Wid	owed
	(International Classification)	TOTALS			21.	r.	. I	F.	М.	F.
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	Hemorrhage umbilicus Melena neonatorum	1	1		1					
	Inspiration of food	1		1		1			ļ	
	Inspiration of vomit	1	1		1				ļ	
	Infection umbilicus Suffocation under bedclothes	$\frac{2}{2}$	2	2	2				·····	
	Suffocation (overlaid)	ī		1						
53.	Lack of care		:							
	XII. Old Age.									
54.	Senility	55	14	41	4	2	3	5	6	3-
XII	I. Affections Produced by External Causes									
l55.	Suicide by poison-	1	1						١,	
	Arsenic Bi-chloride mercury	5		5		2				
	Carbolic acid	7	5		2	ī	1	i	1	
	Chloroform	1		1			ļ <u>.</u>	1	ļ	
	Cyanide potassium	13			2		7 3		1 2	
	Lysol Strychnine	5	4	1 1	1		l °			
	Undetermined poison	1		1				1		
156.	Suicide by asphyxia (illuminating gas)	56	4.5	11	19	2	17		j	
157.	Suicide by hanging or strangulation	15			5					
L58.	Suicide by drowning	14					33			
159.	Suicide by firearms	98	89	3	- 51	-	00	י וי		1
160.	Suicide by cutting or piercing instru- ments	18	16	2	7		. 5	1	ı <b>[</b>	
161.	Suicide by jumping from a high place								1	
	Suicide by jumping from a high place (from bridge)	1			1		······		·	
	From fire escape	1 1			1				1	
	From pile driver	10			2	]			2	
162.	Suicide by crushing		·		<u> </u>					
163.	Other suicides						. <b></b>	.		
164.	Poisoning by food (ptomaines)—				J				,	
	From eating clams	2		1	1		1	1 :	!! !	
	Crab salad	2							i	
165.	Other acute poisonings—	-	-	1	1		1		1	
200.	Arcanic (accidentally self-admin-	1 .		١,			l	1	1	
	istered)	1		.  1			ł		1	1
	istered)  Bi-chloride mercury (accidentally self-administered)	1 8		1 5	<u>.</u>		1 1	ι :	1	
	Cyanide (accidentally self-admin-		]				1		l	1
	istered)	. 1	1	ų <b></b>	. 1		. <b></b>	.		· ·····
	Morphine (accidentally self-admin-	1	1.	l	1 1		. <b>.</b>		1	
	istered)		1		Ι,		1			1
	Muriatic acid (accidentally self- administered)	1		ι]		ļ	. 1	1		
	Opium (accidentally self-admin-	-		١.					1	
	istered)	-1 -3							il	
	Strychnine manner unknown) Unknown poison (manner un			1 .	'I		·	1	1	
	known)			.] :			.ļ		1	
166.	Conflagration (in burning building).	. 1:	2 :	3 9	9 :	2	8		1	
167.	Burns (conflagration excepted)—	1		, ,	2 1					
	Playing with matches	-  - 3	3 1	1	íl		í)			
	From gas stove	1 :			i	]				
	From Wood Slove	-1 -	1	.] :	1		ļ			
	From gasoline stove	.  :							·	•
	From vaporizer	.1 .	11	1   <u></u>	.1	U	.l		•	

## TABLE NO. III-Continued.

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# TABLE NO. III—Continued. REPORT OF DEATHS REGISTERED DURING

	GRAND	MALES	FEM					Socia	1
CAUSES OF DEATH		,ES	EMALES	Single	,	Marı	ied	Wide	owed
(International Classification)	TOTALS			М.	7. T	м.	F.	М.	F.
From electric hot plate From explosion kerosene lamp Lighting fire with kerosene	. 1	1	2 1			1	1 1		
From explosion distillate From scalding water	$\frac{2}{3}$	2		2 1	1	1	1		
From boiling grease	1	43	9	20	2	6			
(1) Illuminating gas (accidental) (2) Anesthesia (ether during operation)  (Not stated) (during operation)		1		1 1					
169. Accidental drowning (in bay of S. F.	34	3		12 1 2		1		1	
(In ponds) 170. Traumatism by firearms	6		3	5		1			
172. Traumatism by fall— Over banister Into basement	1 1		2 			1			i
From bed From building Over bulkhead Into bunker			i	5	2	3		1	
Into excavation			2		1	1		1	i
From fire escapeOu floor From "go-cart"From ladder	21	1	1 :	4 1	1	2		3	8
Down light wellFrom loft On pavement		[] 2	2		1	    8		1 2	1
From pile-driver Into pit From platform		l l	1 1 2						
From porch Into hold of ship	- '	7	7						
Through skylight From staging Down stairs	1	2 7 1		4 4	2		1 2 3		3 2
From telegraph pole From window On iron stake		1 7 1	1  3 1	4 1	1	1	1 1 1	3	
173. Traumatism in mines and quarric (Explosion in mine)	r	1	1						
unknown) In quarry, fracture spine (mannoun) unknown) 174. Trautmatism by machines—	1.	2 1	1			ļ			
Crushed by elevators Crushed by elevator counterweig	ht	4 2 1	4	2 2			1		i
In elevator machinery Struck by broken belt Crushed by traveling crane 175a, Railroad accidents and injuries—		1	1	1			1		
Struck by locomotive		1 6 1	1 6 	3.					
Run over by train		1 1 2	1 1 2	1			1 1  1		
Crushed between car and platfor	m!	1	1 <sup>i</sup>	! 1 <sup>1</sup> .	<u></u>	. <u>'</u>	<u>'</u>	<u>'</u>	<u>'</u>

## TABLE NO. III—Continued. FISCAL YEAR ENDING JUNE 30, 1916

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TABLE NO. III-Continued.

		GRAND	MALES	FEM.					Socia	l
,	CAUSES OF DEATH International Classification)	1	ES	EMALES	Sing	gle	Mar	ried	Wid	owed
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175b.	Street car accidents and injuries— Struck by cable carFall from electric car	2		1			1	1		
	Run over by electric car	4	$\frac{1}{2}$	2	·····2			2	1	
	Struck by electric car	24	20	4	8	1	8	1		2
	Collision between electric car and		6		1		4		1	
175c.	wagon			1	1 1		•		١.	
	Run over by auto Struck by auto	39	4 31		3 12		9	4	$\frac{1}{5}$	3
	Crushed by overturning auto	5	4	1		1				
	Fall from moving auto Collision bet, auto and electric car	6	5		3		i	1		
	Collision bet, auto and motorcycle	2	2		2					
175d.	Injured by exploding tire		1				l			
	Struck by buggyRun over by truck	1 1	1	1		1	1			
	Run over by wagon	2	ī		1	1				
	Struck by wagon	1 2	1 2				2		ļ	
	Struck by bicycle	1 1	1		1	i			.]	
	Struck by bicycle	i	1	1	ï					
175e.	Landslide—other crushing— By caving sand	1	2		1		İ		1	
	By closing wall-bed	1		. 1	ļ		ļ	. 1		
	By swinging boom	1 1	1				,		·····	
	By falling wall	į	1		ļ		. 1			
	By falling wall By sling-load of freight. By pile-driver hammer	1 1	1 1				<u></u> '			
176.	Injuries by animals— Kicked by horse	1	١,			1	ı	1	ļ	1
177.	Starvation			3	. <b>6</b>		.1			
$178. \\ 179.$	Excessive cold Effects of heat		ļ	·	ļ		ļ		·····	
180.	Lightning				ļ					
$181. \\ 182.$	Electricity (lightning excepted)	64		2	. 1	ŀ	2	l	A	3
183.	Electricity (lightning excepted)			1	1		Ι.	1	1	
184.	Homicides by other means (blows)	.1 7		7			1	<u>.</u>		
1011	By gas asphyxiation	1	1	ا <u>.</u>					. 1	
	Infanticide	. 1		il i	1				ļ	
185.	Fractures— Of leg. by falling casting	. 1	1	il			١.	,		
	Of skull, by coal bucket	í	1	l				1		
	Of skull, by coal bucket	. 2	1 :	l			······			
186.	Other external violence—				1		1		1	-
	Hem. brain, struck by baseball Hem. brain, manner unknown	. 1		2	l i		·····	i		
	Hem. plcural cavity, manner un			1			1			
	Foreign body in bronchi	. 1			i		i]			
	Foreign body in stomach	. 1		l						
	Rupture spleen, manner unknown	' '	"	·	1		1		1	
187.	XIV. Ill-Defined Diseases. Ill-defined organic disease				L		1		<u></u>	
188.	Sudden death				Į					
189.	(1) Cause of dealth ill-defined	-			1		1		1	
	unknown			i	<b></b>		<b></b>		<u> </u>	
	Decomposed remains			ı						• • • • • • • • • • • • • • • • • • • •

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REPORTS OF DEATHS REGISTERED DUR ING FISCAL YEAR ENDING JUNE 30, 1916. TABLE NO. III-Continued.

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11. Miliary fever  2. Asintic cholora  3. Dysentery  14. Dysentery  16. Yollow fever  17. Leproxy  18. Dysentery  19. Other epidemic diseases  20. Purulent infection and septicemia  Pollowing infection and septicemia  Pollowing needle prick, finger  Pollowing needle prick, finger  Pollowing seratch on hand  Pollowing pricected wound. leg  Pollowing printected wound. [9]  Pollowing printected wound. [9]  Pollowing mail seratch of nose  Pollowing infected wound (?)  Pollowing infected wound (?)  Pollowing staphylococcic infection known in the pollowing staphylococcic infection known infection  Pollowing staphylococcic sellulities of leg  Pollowing staphylococcic sellulities of leg  Pollowing staphylococcus infection pollowing staphylococcus infection  Pollowing staphylococcus infection  Pollowing streptococcus infection  Pollowing streptococcus infection  PyomiaFollowing injury to leg	Aby Ped Taul
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REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916. TABLE NO. III-Continued.

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38. Gonococcus infection 39. Cancer of the buccal cavity	7 6	- 6												. co .			H	1
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40b. Cancer of liver (Operative shock)	5 ' '	5		_					-									ij
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REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916. TABLE NO. III-Continued

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	CAUSES OF DEATH	(International Classincation)	Other	·	Scarvey     Diabetes     Addison's disease     Andison's disease     Letkenia     Letkenia, chlorosis     Letkenia, chlorosis     Diabetes     Letkenia chlorosis     Letkenia chlorosis     Durpura hemorrhagica     Chronic lead poisoning     Other chronic occupation poisonings.     Other chronic occupation poisonings.     Other chronic poisonings.     Letkenia     Li Diseases of the Nervous System.      Li Diseases of brain     Li Strephalitis     Absecs of brain     Strephococcic meningtis     Strephococcic meningtis     Strephococcic meningtis     Strephococcic meningtis     Strephococcic meningtis     Strephococcic meningtis     Strephococcic meningtis     Strephococcic meningtis     Strephococcic meningtis     Strephococcic meningtis     Strephococcic meningtis     Strephococcic meningtis
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	<ul><li>75. Diseases of the eyes and their adnexa</li><li>76. Diseases of the ears (Otitis Media)</li><li>II. Diseases of the Girculatory System.</li></ul>	77. Pericarditis 78. Acute endocarditis 79. Organic diseases of the heart. (1) Valvular (2) Endocarditis, chronic (3) Fatty heart (4) Myocarditis, chronic Anguisses of arteries, atheroma, aneurysm, etc. Aneurysm, etc. Aneurism of aorta Arterio-solerosis Endarteritis Endarteritis 282. Embolism and thrombosis
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TABLE NO. III-Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916.

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REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916. TABLE NO. III--Continued

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CAUSES OF DEATH (International Classification)		Stricture rectum Coccidioidal granuloma Acute yellow atrophy of the liver.	Lydaria (unito of the liver Cirrhosis of the liver Cirrhosis and the liver Cirrhosis of the shock)	(Operative sepsis)  115. Other diseases of the liver (abscess of) Inflammation of Cholecystlift	1 1 02 1	Other diseases of digestive system (excepting tuberculosis, cancer) Sub-phrenic abscess	VI. Diseases of the Genito-Urinary System. 119. Acute nephritis 120. Bright's disease 121. Chyluria	Other diseases of the kidneys adnexa (Hydronephrosis)

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TABLE NO. III-Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916.

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	CAUSES OF DEATH (International Classification)		Puerperal septicomia Puerperal albuminuria sions Puerperal sudden death	Fol Pu	VIII. Diseases of the Skin.	Gan	Acı	Celuitis face (scratch of natt) Celuitis hand (septicemia fol.) Pemphigus neonatorum	Pemphigus foleaceas Ulcer leg (septicemia following) Pituriasis rubia Impetigo (septicemia following)	IX. Diseases of the Bones. Diseases of the bones (tuberculosis excepted) Masfoldifis
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TABLE NO. III-Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916.

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	CAUSES OF DEATH (International Classification)		Melena neonatorum Inspiration of food Inspiration of vomit Infection umbilicus Suffocation under bedelothes. Suffocation (overlaid) 153. Laek of care.	XII. Old Age.	XIII. Affections Produced by External	Arsenic Arsenic Bi-chloride mercury Carbolic acid Chloroform Cyanide potassium Lysol	Strychnine Undetermined poison 156. Suicide by asphyxia (illuminating gas) 157. Suicide by hanging or strangulation. 158. Suicide by drowning 159. Suicide by frearms 160. Suicide by entting or piercing instruments.

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REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1916. TABLE NO. III--Continued

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CAUSES OF DEATH  (International Classification)  Accidental drowning (in bay of S. F. (In ponds)  Traumatism by firearms.  Traumatism by firearms.  Traumatism by firearms.  Traumatism by firearms.  Traumatism by fill— Over banister Into basement From bed From building Over bulkhead Into basement From plaction From file escape Down elevator shaft.  From plactic escape Down light well From lider Down light well From plactiver From From From From From From From From	GRAI	TOT OF	ALS		; ba						<u> </u>	11	1 1	<del>-</del> -		1 1		: :	_
		CAUSES OF DEATH (International Classification)		Accidental drowning (in bay of S. F. (In Pacific Ocean)	Traumatism by firearms  Traumatism by cutting or piercin	Traumatism by fall— Over banister		building	Into bunker Down elevator shaft	Into excavation From fire escane	On floor	From Reder	From loft	On pavement	Into pit	From platiorm From porch	Into hold of ship.	Through skylight	From staging

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Down stairs From telegraph pole From window On iron stake Traumatism in mines and quarries In mine, fracture spine (manner unknown) Traumfrown Traumfrom by machines—	Crushed by elevators.  Crushed by elevator counterwer in elevator machinery.  Struck by broken belt	Crushed betwen freight cars Crushed between car and platfe car needlents and injuries Fall from electric car Run over by electric car Struck by delectric car Hurled from runaway car Gollision between electric car	75c. Automobilic arcidents and injuries- Run over by auto Struck by auto Crushled by overturning auto. Pall from moving auto Collision bet, auto and electric of the collision bet, auto and electric alliance by a exploding free.	Struck by Run over l Run over l Run over l Struck by Thrown fr Struck by Struck by Struck by

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	CAUSES OF DEATH (International Classification)		175e. Landslide—other crushing— By closing sand. By sching wall-bed. By shing force By falling force By falling force By falling wall By spile-fiver hammer  ITC. Injuries by animals— Kicked by horse.  Kicked by horse.  Kicked by horse.  Kicked by horse.  Kicked by horse.  Kicked by horse.  Kicked by animals—  ITS. Excessive cold ITS. Excessive cold ITS. Excessive cold ITS. Homicide by dightning excepted).  181. Homicide by cutting or piercing instruments  182. Homicide by cutting or piercing instruments By strangulation By strangulation By strangulation By strangulation Coffeel, by falling casting Of skull, manner unknown.  Of skull, manner unknown.

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## TABLE No. IV.

## NATIVITIES OF DECEDENTS, FISCAL YEAR 1915-1916.

Total Deaths During Year	7249	West Virginia	5
		Wisconsin	38
NATIVITIES		Wyoming	2
San Francisco	1089		
Other Parts of California	1021	Totals	1627
Other States and Territories.		Foreign Countries.	
Alabama	13	Africa	1
Alaska	3	Austria	85
Arkansas	8	Australia	27
Colorado	7	Belgium	12
Connecticut	22	Canada	120
Delaware	1	Central America	5
District of Columbia	6	China	208
Florida	3	Denmark	51
Georgia	10	East Indies	1
Territory of Hawaii	9	England	204
Idaho	4	Finland	28
Illinois	95	France	133
Indiana	46	Germany	644
Iowa	34	Greece	27
		Holland	8
Kansas	19	Hungary	19
Kentucky	45	Iceland	1
Louisiana	31	India	2
Maine	73		822
Maryland	25	Ireland	271
Massachusetts	143	Italy	55
Michigan	54	Japan	54
Minnesota	22	Mexico	10
Mississippi	4	New Brunswick	70
Missouri	98	Newfoundland	5
Montana	6	New Zealand	48
Nebraska	9	Norway	23
Nevada	31	Nova Scotia	23 6
New Hampshire	17	Philippines	3
New Jersey	28	Porto Rico	15
New Mexico	1	Portugal	15
New York	316	Roumania	81
North Carolina	7	Russia	75
North Dakota	1	Scotland	12
Ohio	106	South America	
Oklahoma	1	South Africa	$\frac{3}{20}$
Oregon		Spain	
Pennsylvania	123	Sweden	115
Rhode Island	9	Switzerland	57
South Carolina		Turkey	. 8
South Dakota		Wales	8
Tennessee		West Indies	8
Texas			0000
Utah		Totals	3290
Vermont			_
Virginia		At Sea	1
Washington	16	Unknown	221

TABLE No. V.

DEATHS BY SANITARY DISTRICTS, PUBLIC INSTITUTIONS, HOSPITALS, ETC.—FISCAL YEAR ENDING JUNE 30, 1916.

	Grand		
Location	Totals	Males	Females
Deaths from all Causes	7249	4519	2730
Conitour Districts			
Sanitary Districts. First	1220	785	604
Second	566	336	230
Third		265	249
Fourth		363	329
Fifth	365	184	181
r II (II			
Totals	3526	1933	1593
Hospitals and Institutions under Control of Board of Health.			
San Francisco Hospital (General)	701	535	166
*Tuberculosis Hospital	155	135	20
Isolation Hospital	67	36	31
Emergency Hospitals—	•		
Central	223	180	43
Harbor		35	3
Mission		14	5
Park		7	3
Potrero		2	
Smallpox Hospital			
Leper Hospital		1	
Relief Home Aged and Infirm		198	66
Jails and Prisons		5	
Totals	1485	1148	337
Other Hospitals, Sanatoria, Homes and Asylums.			
Adler Sanatorium	36	19	17
Alexander Maternity Hospital	6	2	-1
Bering Sanatorium	. 5	5	
Buell Sanatorium	. 4	4	
Buena Vista Sanatorium.	3.4	20	1.4
Children's Hospital	71	31	40
Fairmont Hospital	94	60	34
French Hospital	. 88	56	32
German Hospital	152	108	4.4
Hahnemann Hospital	. 80	44	36
Hebrew Home Aged Disabled		5	2
Home Aged (Little Sisters of the Poor)		22	46
Home for Incurables		12	13
Irving Sanatorium		3	1
Lane Hospital		112	58
Mary's Help Hospital		64	61
Morton Hospital		10	6
Mount Zion Hospital		59	34

<sup>\*</sup> Deaths from July 1 to Dec. 31, 1916, charged to General Hospital.

## VITAL STATISTICS

TABLE No. V.—Continued

TABLE No. V.—Continued	Grand		
	Totals	Males	Females
Neal Institute	1	1	
Old Ladies' Home (Lick)	1		1
Old People's Home	11	5	6
Pacific Hebrew Home	3	1	2
Protestant Orphan Asylum	2	2	
Robinson Sanatorium	1		1
Roman Catholic Orphan Asylum	8	4	4
San Francis Girls' Directory	5		5
St. Francis Hospital	121	74	47
St. Joseph's Hospital	113	59	54
St. Luke's Hospital	181	117	64
St. Mary's Hospital	134	82	52
St. Winifred's Hospital	22	14	8
S. P. Railroad Hospital	73	73	
St. Catherine's Home	2		2
Trinity Hospital	22	12	10
University of Cal. Hospital	100	59	41
Union Iron Works Hospital	5	5	
Wakefield Sanatorium	4	3	1
Ward (Florence) Hospital	21	10	11
S. F. Polyclinic Hospital	1	1	
P. P. I. E. Hospital.	19	13	6
•			
Totals	1928	1172	756
United States Institutions.			
U. S. Marine Hospital	40	39	1
Letterman General (Army)	72	64	8
Presidio Reservation	8	2	6
Yerba Buena Island Naval Station	1	1	
Fort McDowell	1	1	
Totals	122	107	15
En route to Hospital	112	91	21
Bay of San Francisco	43	41	2
Pacific Ocean	6	5	1
On Vessels in Bay, etc.	15	13	2
Golden Gate and other Parks	11	8	3
Reservoirs and Ponds	1	1	9
Totals	188	159	29

REPORTS OF INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED DURING FISCAL YEAR 1915-16 TABLE VI.

			151	1915					19	1916			
TO	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	TOTALS
San Francisco Cemeteries	_	_	-	0	0	0	0	0	0	0	0	0	0
Calvary Receiving Vault	0	0	0	0	0	0	0	0	0	0	0	0	0
I O O F (For Gremation)	0	0	0	0	0	00	0	00	00	00	<b>-</b>	00	<b>-</b>
Laurel Hill Vault	00	<b>&gt;</b> C	<b>-</b>	-	00			•	0	0	•	0	0
Masonic Vault	000	) oc	15	12	14	18	15	-	15	13	12	77 (	135
U. S. Marine Hospital	00	00	00	00	00	00	00	00	0	00	00	00	00
Yerba Buena Island	>	>	•	)	,				č	8	į	ţ	1010
Cypress Lawn (Interments)	8	68	æ :	83	88 9	95	38	3.2	<b>Z</b> Z	35	S &	316	929
(Cremations)	4.5	<del>و</del> ۾	\$ rc	50	¢ 4	₹	၃ၑ	2 4	5 oo	7	3 01	e1	28
Eternal Home	. x	• 01	9	10	9	15	77 (	စ္၊	G1 5	r- c	99	စေး	e 2
	4. 5	2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	- 2 <u>-</u>	170	s g		215	169	305 205	181	160	146	2121
Holy Cross	200	7	<del></del>	9	13	1-	6	က္ခ	<del>-</del> 1,	21	₹ 8	o ;	38 <u>5</u>
Italian	의·	: ES	0g °	%i −	- 6	41	æ. €	S c 1	- T		5.	1 C1	15
Japanese	- <del>-</del>	15	99	71	100	· 26	10,	89	7	83	69	89	<del>7</del> 8
Mt. Olivet—Cremations	16	15	음 1	종:	817	30	03 P	17	13	S 9	ត្ត	9 <u>C</u>	152
Salem	<u>ء</u> ه	- 2	- 2	± 6	‡8	28	61	20	13	81	132	ន	550
San Mateo—Chinese	]	<u>`</u>	7		0	0		0;	Ç1 }	- 9	C1 5	08	10
Servian Sunset—Indigent	67	46	8;	55	57	95	5°	3:	G ox	24 x		31.	95 6
Woodlawn	ж с	o =	7 -	15	- x	~ oc	9	9	ာ	ි දි	E3	15	126
Medical Colleges	76	* 66	123	88	97	107	88	62	39	29	28	67	995
	609	619	66 60	673 63	682 88	890	798 18	617 66	699	636	586 43	556 39	7909 772
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REPORT OF DISINTERMENT AND REMOVAL PERMITS ISSUED DURING FISCAL YEAR 1915-16 TABLE VII.

	Totals	291 106 1106 111 533 46 1	522	2000 2000 2000 2000 2000 2000 2000 200	522
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1916	May	30 10 10 00 00 00 00	53	&0000 %0 w0 4000 0000 0000	53
	April	17 0 0 0 0 0 0 0	£	100070000000000000000000000000000000000	43
	Mar.	34 130 130 100 100 100	26	x 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	99
	Feb.	77 0 1 8 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88	000000000000000000000000000000000000000	88
	Jan.	00101000	35	00-00000000000000000000000000000000000	33
	Dec.	ನ್ನಂಅಂಅಂ೦೦೦೦	41	%0000000000000000000000000000000000000	41
\$161	Nov.	000000000000000000000000000000000000000	27	1000%0000000000000000000000000000000000	54
	Oct.	50 14 00 00 00 00 00 00 00 00 00 00 00 00 00	46	2000200000000000000000011	46
	Sept.	408881810000	65	x00000040000100000000	23
	Aug.	98 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	29	@0H00000000000000000000000000000000000	59
	July	70000000000000000000000000000000000000	25	H0000000000000000000000000000000000000	25
	CEMETERIES	DISINTERMENTS FROM. Calvary Cemetery City Cemetery I. O. O. F. Cemetery (Bodies). I. ol. O. F. Cemetery (Ashes). Laurel Hill Cemetery Masonic Cemetery Mission Dolores Cemetery National (Presidio) Gemetery U. S. Marine Hespital Cemetery U. S. Marine Hespital Cemetery Cooper Medical College.	Total	REMOVALS TO Cypress Lawn Cemetery Elevrial Hone Cemetery Green Lawn Cemetery Hills of Eternity Cemetery Holy Cross Cemetery Holy Cross Cemetery Home of Peace Cemetery Japanese Cemetery Japanese Cemetery Mt. Olivet Cemetery Mt. Olivet Cemetery Salem Cemetery Salem Cemetery Salem Cemetery National, S. F. Gemetery National, S. F. Gemetery Voodlawn Cemetery Voodlawn Cemetery National, S. F. Cemetery National, S. F. Cemetery Masonic Cemetery (Ashes) Laurel Hill Cemetery (Ashes) To Homes (Inchernted Ashes) To Homes (Inchernted Ashes) Cal. Interior (Bodies) Cal. Interior (Ashes) Other States	Total

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